

KERN & Sohn GmbHZiegelei 1Tel: +49D-72336 BalingenFax: +49E-Mail: info@kern-sohn.comInternet:

Tel: +49-[0]7433-9933-0 Fax: +49-[0]7433-9933-149 Internet: www.kern-sohn.com

Operating Instructions KERN EasyTouch

EasyTouch Formulation User manual





Contents

1.0 Introduction to formulation	3		
2.0 Creating a new formula			
2.1 Creating a new component	8		
2.1.1. Creating a component group	11		
2.2 Adding the component from memory	12		
2.3 Creating the formula group	17		
3.0 Selecting a formula	19		
4.0 Formulation / dosing	21		
4.1 Overdose	27		
4.2 Underdose	29		
5.0 Result data	30		
5.1 Measurement data	30		
5.1.1 PDF, print and save	30		
5.1.2 Dynamic object ID and name	30		
5.1.3 Auto print	30		
5.2 Chart	30		
5.3 Additional data	31		
6.0 Dynamic data			
6.1 Result data	31		
6.2 Chart			
6.3 Additional data and print	34		



1.0 Introduction to formulation

In the formulation mode, different single components are added to a produce a mixture. The nominal weights of individual raw materials or components can be defined for the known product quantity by the user.

The system will automatically calculate the individual weight of the components to be weighed to produce a product based on the entered new target weight by the user.

This function also allows the correction function to be applied incase of overdose or underdose during the measurement.

- Click on the "function" menu from the main wizard.
- The function list screen will open. Click on the formulation function from the function list.







2.0 Creating a new formula

There were two ways to create a formula one is using the formulation function and the other is to utilize the master memory.

i. Using formulation function:

When you click on the formulation function, the provision to create a new formula will appear

• Click the "add new formula" button and create a formula



ii. Using master memory

- Click the database icon from the main menu
- The database list will be displayed and click on the "master database" from the list.

<u>الم</u>	Databases Databases list	English \vee	Albert Admin,	- 🗆 X
	Master data			
ନ	Master data			
ŵ				
ŀ				
KERN EASY TOUCH				



	Database English v Albert Admin Databases > Master data list Admin -	
	C Search by Key	
\Diamond	Active master data V I Q 🔀 🧮	Add master object
	Matter deject ID Matter deject ID<	
	Description Description Description Description Description Description Description Chickens from South India Pencil box with eraser and sharpners Chocolates from Coty Eggs from Mexico	
Ø	Mutter object AD 87678 Matter object name Breed	L]. Export
(j.	Description Bread from Bulgaria	E Template
KERN	Back	

• The overview of the currently filled master data appears, by clicking on "add master object", the user can add a new master object with difference weighing and reuse it later in function if needed.

∭ ⊙	Master database Database > Create nev	w master data		E	English v 🕵 Albert – 🗆 X
	Create new maste	er data			
\bigcirc		Component / Object ID * MY67987	Component / Object name * Mayonnaise		ID number / Name 8736782892
	Remove image	Description	Container weight	Unit	Assign functions
	Only 'jpeg', 'jpg',& 'png','bmp'	Mayonnaise home made	12	g 🗸	Please select the object type
ţĊ;					Search Q
Ū,					Percentage weighing Quick dosing
					Formulation
KERN EASY TOUCH					Back Submit

- The user can fill in the information as such component / object ID, component / object name, ID number / name, description, container weight and the image for the reference.
- When "formulation" is selected from the drop down, the user can now click on the "save master and fill formulation information" to create a formula.



``````````````````````````````````````	Master database Database > Create new	v master data			English $\vee$	Albert Admin,	- 6	×
=	Create new master data							
ŵ		Component / Object ID * MY67987	Component / Object name * Mayonnaise		ID number / Nam 8736782892	ne		
	Remove image	Description	Container weight	Unit	Assign functions			
	Only 'jpeg', 'jpg'& 'png', bmp'	Mayonnaise home made	12	g 🔻	Formulation			~
¢¢	Formulation							^
œ	You don't have any formu	ulations fields here			Save master	data and fill formulation	information	
KERN EASY TOUCH						Back	Ada	

## Procedure to define the properties of formula

• The below screen appears where the user can define the properties of the formula and additional features can be activated

	Formulation Formulation > Add new formulation		English $\vee$	Albert Admin,	- 🗆 ×
	Add new formula				8
ŵ	Master object ID (Formula ID) * MY67987	Master object name (Name of formula) * Mayonnaise	ID number / Name 8736782892		Add new component
	Chemical formula Please enter chemical formula	Formula group Add formula group	Edit authority * ① Please select the roles	~	Add
	Comments Enter comments				component from memory
ŵ	Allow pause	The contract of the contract o	(     Activate auto-tare		Add formula
Ū,	Component list *				group
		No records found Click here to add new componer	<u>u</u>		
KERN EASY TOUCH			Back	< Update	

• User can proceed in entering the below required properties



الله الله	Formulation Formulation > Add new formulation		English $\vee$	Albert Admin,	- 🗆 X			
	Add new formula							
$\widehat{\mathbf{G}}$	Master object ID (Formula ID) * MY67987	Master object name (Name of formula) * Mayonnaise	ID number / Name 8736782892		Add new component			
	Chemical formula Please enter chemical formula	Formula group	Edit authority * ① Admin	~				
	Comments Please store in refridgerator				Add component from memory			
ŝ	⊘ Allow pause ○ (↑ Fixed sequence)	O Order (or) Batch number mandatory O	Activate auto-tare		Add formula			
(j.	Component list *			]	group			
	No records found Click here to add new component							
KERN EASY TOUCH	1		Back	Update	)			

Master object Id: User can provide a unique object Id to the formula for the internal reference and user might be able to search based on the defined Id.

Master object name: User can provide a name to the formula. This might help in packaging or labelling and creating a barcode or QR code during the supply

ID number / name: This is customized additional field maintained based on the industrial requirement where the users can provide an Id or name to the product as like an industrial or supplier code for the operator or internal users reference

Chemical formula: The formula of the recipe what the user is going to prepare can be entered here. This field is completely useful in case of chemical, petroleum, cosmetics, pharmaceutical industries.

Formula group: All the recipes created in the system can be grouped and segregated for the reference and quick search of the operators

Edit authority: This is a highly prominent field where the admin user might be able to define the users to modify the formula or recipe

Comments: The comments or suggestion to the operational and maintenance users can be given here

For illustration, the prepared recipe or formula might be a hazardous or highly volatile substance and the comments may help them with the handling of the recipe

And the below options to activate or inactivate will be available to the user



الم الأ	Formulation > Add new formulation		English $\vee$	Albert Admin,	- 🗆 X
	Add new formula				8
$\diamond$	Master object ID (Formula ID) *	Master object name (Name of formula) * Mayonnaise	ID number / Name 8736782892		Add pow
W					component
	Chemical formula Please enter chemical formula	Formula group	Edit authority * 🕔 Admin	~	
	Comments				Add component from memory
	Please store in refridgerator				
ţ	Allow pause	Order (or) Batch number mandatory	🖉 Activate auto-tare		Add formula
<u></u>	Component list •				group
Û		_			
		NO RECORDS TOUND			
KERN			Back	Update	
EAST TOUCH					

Allow pause: Enabling this option would allow the user to pause the formulation and resume it whenever required during the preparation or dosing of components This option might be completely helpful in a case where the duration of addition to the components will be of varied time.

Fixed sequence: Enabling this option would allow the user to move to the next component for dosing only in fixed sequence.

For example, some recipes must be prepared in a way that addition of first component might be having some dependencies on the second component.

Order or batch number mandatory: Enabling this option would ask the user to enter the order or batch number mandatorily to proceed with addition or dosing of the next component

Activate auto tare: Enabling this option would automatically tare the weight of the previous component when proceeding to add the next component

- The user might be able to add the required components to prepare the formula or recipe after defining the mentioned options or fields above.
- Click on the hyperlink "click here to add a new component" or the button "add new component".

## 2.1 Creating a new component

Add new component screen will appear where the user can enter the below properties which are required for the component



×	Formulation Formulation > Add	new formulation				English $\lor$	Albert Admin,	_	□ ×
	Add new formula Master object ID (Formul MY67987	a a ID) *	Master object nam Mayonnaise	e (Name of formula) *	ID number / Name 8736782892				Add new
	Chemical formula Please enter chemica	al formula	Formula group Add formula gro	up Q	Edit authority * 🤇 Admin	)	~	L	Add
	Comments Please store in refr	idgerator							component from memory
ŵ	Allow pause	Fixed sequence	0 Orde	ər (or) Batch number mandatory	C Activat	te auto-tare ①			Add formula group
(ŀ				No records found	<u>t</u>				
KERN EASY TOUCH						Back	Update		
<b>₩</b> 0	Formulation Formulation > Add	new formulation > Add new	component			English $\vee$	Albert Admin,	-	
 	Add new comp	Master object ID (Component ID) * 65676VH		Master object name (Component nar Vinegar	ne) * IC 7	) number / Name 67889			New component
	Remove image	Chemical formula Chemical formula		Component group Add component group	Q K	efault weighing device 🕕 GP 6K-4 / KGP 6K 4	×		group
	Only jpeg', jpgj.& jong',bmp	Target weight * 120	unit + g 👻	Lower tolerance (In %) * 10	U 14	pper tolerance (In %) * O			
ŝ		Capture component	batch ld ①						
(];		Comments / warning message Please use gloves and ope	n the bottle						
		Master memory Fo	rmula only						
KERN						Back	Add		

Component Id: User can provide a unique component Id to the components for the internal reference and user might be able to search based on the defined Id.

Component name: User can enter the name of the component.

ID number / name: This is customized additional field maintained based on the industrial requirement where the users can provide an Id or name to the component and is not mandatory.

Chemical formula: The formula of the component what the user is going to add can be entered here. This field is completely useful in case of chemical, petroleum, cosmetics, pharmaceutical industries where the components are marked only with the chemical formula.

Component group: All the recipes created in the system can be grouped and segregated for the



#### reference and quick search

	Formulation Formulation > Add new form	mulation > Add new compone	ent		English $\vee$	Albert Admin,	- • ×
 දැ	Add new component	object ID (Component ID) * 6VH	Master object name (Component name) * Vinegar		ID number / Name 767889		New component
	Remove image Chemi	tal formula ical formula	Component group Add component group	Q	Default weighing device 🕓 KGP 6K-4 / KGP 6K 4	×	Brooth
	prg',bmp' Target v 120	veight * uni	it Lower tolerance (In %) * • 10		Upper tolerance (In %) * 10		]
¢	0	Capture component batch ld	0				
ŀ	Comme Please	ents / warning message e use gloves and open the bot	tle				
	Ма	ster memory Formula onl	У				
KERN					Back	Add	

And the below options to activate or inactivate will be available to the user

Default weighing machine: The list of devices created in the device management will be available here and the admin user can define a default device to the operating user so that the operating user might not face any such difficulties in connecting the device

Target weight, lower and upper tolerance: User can define the target weight of the component with the tolerance levels in percentage

Capture component batch Id: The batch id will be captured for each component after being measured while preparing the recipe

**Comments**: The comments shall be the set of instruction or rules to the performing user. The rules might occur before measuring the components



Ма́	Formulation Formulation > Add	new formulation > Add new component		English $\lor$ Albert Admin,	– 🗆 X
	Add new comp	ponent			
ŵ		Master object ID (Component ID) * 65676VH	Master object name (Component name) * Vinegar	ID number / Name 767889	New component group
	Remove image	Chemical formula Chemical formula	Component group Add component group Q	Default weighing device () KGP 6K-4 / KGP 6K 4	
	Only (peg. )pg.& png.bmp	Target weight * unit 120 ∓ g ▼	Lower tolerance (In %) * $10$	Upper tolerance (in %) * 10	
Ô		⊘ Capture component batch Id ○			
();		Comments / warning message Please use gloves and open the bottle			
		Master memory Formula only			
EASY TOUCH				Back Add	

Master memory: Choosing the option "master memory" will save the component in master memory for reutilization. The purpose of the saving the component in master memory is to choose the components in memory wherever is required and to make it centralized. For example, the component sugar might be used in the preparation of the coffee as well as for juices.

Formula only: Choosing the option "formula only" will save the component in formula only and not in the master memory. The purpose of the saving the component only in formula is to restrict the usage of the component in preparation of other recipes as this particular component might be available in little quantity or highly expensive.

•	Clicking on "add'	' will add the compor	ent to the list and	now it can be saved.
---	-------------------	-----------------------	---------------------	----------------------

	Formulation > Edit formulation				English	V Albe	ert —	□ ×
	Edit formula							8
ŵ	Master object ID (Formula ID) * MY67987	Master object name (Name Mayonnaise	of formula) *		ID number / Name 8736782892			Add new component
	Chemical formula Please enter chemical formula	Formula group Add formula group		Q	Edit authority * 🕕		~	Add
	Comments Please store in refridgerator							component from memory
Ŵ	Allow pause      The sequence      Sequence	Order (or) Batch n	umber mandatory 🔘	Ac	ctivate auto-tare			Add formula group
ţ	Component list * Reorder 200							
	Component ID Component name	Chemical formula	Target weight		Lower tolerance	Upper tolerance		
	65676VH Vinegar	-	120 g		10 %	10 %	>	
	567878TYU Neutral-flavored oil	CnH2n+2	170 g		10 %	9 %	>	
KERN EASYTOUCH					В	ack	Update	

• User shall be allowed to edit, delete, and resave the components by clicking on the edit and delete options after selecting the required component.



### Reorder:

• User might be able to reorder the list of components. Upon clicking the "reorder" button, user will be taken to a screen where the reordering of components takes place.

	Formulation Formulation > Edit formul	ation				$English_{\mathbf{\vee}}$	Albert Admin,	t	□ ×
=	Edit formula								
ŵ	Master object ID (Formula ID) • MY67987		Master object name (Name Mayonnaise	of formula) *	1D 8	number / Name 736782892			Add new component
	Chemical formula Please enter chemical form	nula	Formula group Add formula group			dit authority * 🛈 dmin		$\sim$	
	Comments Please store in refridge	rator							component from memory
©.	Allow pause C	Fixed sequence	Order (or) Batch n	umber mandatory ①	O Activa	ate auto-tare			Add formula group
	Component ID	Component name	Chemical formula	Target weight	Lor	wer tolerance	Upper tolerance		
	65676VH	Vinegar		120 g	10	%	10 %	>	
<u>KERN</u>	567878TYU	Neutral-flavored oil	CnH2n+2	170 g	10	Back	9%	>	

• Drag and drop to reorder the components

الله ال	Formulation Formulation > Edit formulat	ion			$English_{ee}$	Albert Admin,			×
	Edit formula			Drag the componer	nt list to reorder the sequen	ce			8
_	Master object ID (Formula ID) *		Master object name (Name of formu	Sequence number	Component ID	Component name		_	
6	MY67987		Mayonnaise	1	65676VH	Vinegar			٩
00	Chamical formula		Formula moun	2	567878TYU	Neutral-flavored oil			٩
	Please enter chemical formu		Add formula group						
8									
	Comments Please store in refridgera	tor							
£Ĝ}									
	Allow pause ①	Tixed sequence ①	Order (or) Batch number						
(Ĵ,	Component list * Reorder 😤	27							
	Component ID	Component name	Chemical formula						
	65676VH	Vinegar							
	567878TYU	Neutral-flavored oil	CnH2n+2						
KERN EASYTOUCH						Close	Save and	d continue	•

• Reorder and click on "save and continue" to reflect in the list.

### 2.1.1. Creating a component group

• Click on the "add new component group" and define the group. The created groups would be available while creating the component. User can allocate the component group to the set of components matching the respective group.



	Formulation > Formulation component view > Edit component		English $\vee$	Albert Admin,		×
	Add component group					8
$\widehat{\baselinetic}$	Component group name * Liquid additives	Component group description To increase the shelf-life of the				
ŝ						
ŀ						
KERN EASY TOUCH				Back	Add	

- Component group name and description: User can enter the group name and description
- Click on "add and save the component group".
- User shall be allowed to edit, delete and resave the component groups by clicking on the edit and delete options after selecting the required component groups.

Ké a	Formulation Formulation > Component group > Component g	roup view	English $\vee$	Albert Admin,		×
	Component group					2
$\widehat{\mathbf{A}}$	Group name Liquid additives	Group description To increase the shelf-life of the stored food				
ŧĢ;						
ŀ						
						_
			Back	Delete	Edit	

## 2.2 Adding the component from memory

The user might be able to pick an object from the memory where the user can predefine list of objects what you use frequently. The object in the memory can be reutilized. Creating a component in master memory



	Formulation Formulation > Ee	dit formulation				English V Albert	. – 🗆 X
	Edit formula Master object ID (Fo MY67987	rmula ID) *	Master object name (Name Mayonnaise	of formula) *	ID number / Name 8736782892		Add new component
	Chemical formula Please enter cher	nical formula	Formula group Add formula group	Q	Edit authority * 🕕 Admin	~	Add
	Comments Please store in	refridgerator					component from memory
Ô	Allow pau	se 🛈 🖉 Fixed sequ	ience 🛈 🕜 Order (or) f	Batch number mandatory 🕕	⊘ Activate auto-t	are ①	Add formula group
Ū,	Component list						
	Component ID 65676VH	Component name Vinegar	Chemical formula	Target weight 120.0 g	Lower tolerance	Upper tolerance	
KERN EASY TOUCH						Back	odate

#### Steps to be followed to create a component with functional properties

- Click the database icon from the main menu
- The database list will be displayed and click on the "master database" from the list.

<u>الم</u>	Databases Databases list			English $\vee$	Albert Admin,		×
ŵ	Master data Master data	Dynamic database	Container master Container master				
Ø							
ŀ							
KERN EASY TOUCH							

• The overview of the currently filed master data appears, by clicking on "add master object", the user can add a new master object with difference weighing and reuse it later in function if needed.



€	Database Databases > Master data list		English $\vee$	Albert	□ ×
		Search by Key			
$\widehat{\mathbf{G}}$		Active master data			Add master object
	Master object ID 65676VH Master object name Vinesar Master object name Master object name Master object name Master object name Master object name	Master object ID 6678 Master object name Chicken		Master object ID 87687 Master object name Pencils	<b>D</b>
	Description Description - Mayonnaise home made	e Description Chickens from south India		Description Pencil box with eraser and sharpners	Import
Ô	Master object ID 36726382 Master object rame Chocolates Eggs	Master cbject D     87678 Master cbject name     Breed			Export
(];	Description Description Chocolates from Ooty Eggs from Mexico	Description Bread from Bulgaria			[×]_ Template
KERN				Back	

- The user can fill in the information as such component / object ID, component / object name, ID number / name, description, container weight and the image for the reference.
- When "formulation component" is selected from the drop down, the user can now enter the chemical formula.

	Master database Database > Create new	w master data		E	inglish v Albert –	= ×
	Create new maste	er data				
$\widehat{\mathbf{G}}$		Component / Object ID * 567878TYU	Component / Object name * Neutral-flavored oil		ID number / Name 7367298	
		Description	Container weight	Unit	Assign functions	
	Remove image	Neutral-flavored oil	12	g 🔻	Please select the object type	~
	Only (pag, (pg, only, only)				Select all Clear all	Close
					Search	
٤Ċ					Percentage weighing	
					Quick dosing	
ŀ					Formulation	
					Formulation component	
					Variable	_
EASY TOUCH					Back Sub	mit

- Once the properties are assigned, user can click on submit and save the newly created master objects along with properties of formulation function and reuse it.
- Once the master object is saved you can view the master object in the master object list.



×́@́₀	Master database Database > Create new master data		English V 💭 Albert – – ×
	Create new master data		
$\widehat{\basis}$	Component / Object ID * 567878TYU	Component / Object name * Neutral-flavored oil	ID number / Name 7367298
	Remove image Description	Container weight	Unit Assign functions
	Only jpeg', jpg'& 'png', bmp'	12	9 Formulation component V
ŝ	Formulation component Chemical formula CnH2n+2		^
ţ			
KERN EASY TOUCH			Back Submit
× €	Database Databases > Master data list		English v 💽 Albert – 🗆 X
	Database Databases ⇒ Master data list	Active master data	English V Albert O X
	Database Databases ⇒ Master data list	Active master data	English V 💽 Albert – D X
د ج الله	Database Databases > Master data list	Active master data	English V Q Albert • × Admin, • × Search by Key I Q B E Add master Search by Key I Mater diget D 6676 Mater diget D 6676 Mater diget D 6676 Mater diget D 6676 Mater diget D 6676
	Database Databases > Master data list	Mater object ID BG675VH Mater object name Unegration Description -	English V IV Abert Admin, V X Search by Key Search by Key Search by Key Search by Key Search by Key Search by Key Search by Key
	Database Databases > Master data list	Active master data	English V V Abert Admin, V X Search by Key I Come made Add master Become made
	Databases > Master data list	Active master data           Matter object D 65675VH Matter object nome Vinegar Benorption -         Matter object Minor data Description -         Matter object Minor data Description -         Matter object Minor data Description -           Matter object D 36723822 Matter object nome Chocolates from Octy         Matter object Matter object Benorption -         Matter object Minor object Benorption -	English V V Abert Admin V X
	Databases       > Master data list         Databases       > Master data list         Master choict D 5675787V1 Master choict name Neutral-Havored oil Decorption Neutral-Havored oil       Image: Choice choic	Active master data       Matter object D 65675VH Vinegar Description -     Matter object Ministra object nume Description -     Matter object Ministra object Ministra object Ministra object nume Description -     Matter object Ministra	English Image: Comparison of the comparison of
	Databases       > Master data list         Image: Second secon	Active master data        Matter object ID 65676VH Meter object neme Description -     Image: Comparison Matter object neme Description -     Image: Comparison Matter object Matter object Master object Master object Description -     Matter object Master object Master object Bescription -     Matter object Master object Bescription -     Matter object Master object -       Matter object Master object Description Chocolates from Ocry     Matter object Master object Bescription -     Matter object Bescription -	English Image: Comparison of the comparison of
	Databases > Master data list	Active master data        Matter object D 85676VH Matter object name Description -     Image: Comparison Matter object name Description -     Image: Comparison Matter object name Description -     Matter object Matter object Matter object name Concolates Concolates from Cory     Matter object Matter object Concolates       Matter object name Concolates from Cory     Image: Comparison Matter object Concolates     Matter object Concolates	English Image: Constraint of the degree of the degre

## Utilize the master object in function

- Navigate to the formulation function
- Click on the formula and choose to add a new component from memory and the user will be taken to the master memory to pick from the list of objects predefined. User can click on the required object to be added.



	Formulation > Edit formulation				English V Albert	- 🗆 X
 ☆	Edit formula Master object ID (Formula ID) * MY67987	Master object name (Name of Mayonnaise	f formula) *	ID number / Name 8736782892		Add new
	Chemical formula Please enter chemical formula	Formula group Add formula group	Q	Edit authority * ① Admin	~	Add
	Comments Please store in refridgerator					component from memory
ŝ	Allow pause     O     Fixed sequence     Component list +	Order (or) Ba	atch number mandatory ①	Activate auto-	-tare ①	Add formula group
ŀ	Component ID Component name	Chemical formula	Target weight	Lower tolerance	Upper tolerance	
	65676VH Vinegar	-	120.0 g	10 %	10 % >	
KERN					Back Up	date
	Formulation Formulation > Add component from memory				English V Albert Admin,	- = ×
	Formulation components				Şearch	<
ۍ ۲	Component ID 567878TYU	Component ID 65676VH				
	Component name Neutral-flavored oil	Component name Vinegar				
ξ <u>ζ</u> λ						
(];						

- User will be provided with the search option to search the required component or object.
- Now, the component will get added and the user could see as such the component Id, name, Id number / name, chemical formula is being auto populated and user will be able to fill the other required information and click on add to add the component to the list.



	Formulation Formulation > Form	nulation component view > Edit component		English v 🛛 🕵 Albert Admin,	- 🗆 X
	Edit componen	t			
$\widehat{\mathbf{G}}$		Master object ID (Component ID) * 567878TYU	Master object name (Component name) * Neutral-flavored oil	ID number / Name Please enter ID number / Name	New component group
	Remove image	Chemical formula CnH2n+2	Component group Add component group Q	Default weighing device O KGP 6K-4 / KGP 6K 4	
	Only ipeg', ipg,& 'png'ibmp'	Target weight * unit 170 Tr + g ▼	Lower tolerance (In %) * 7 10	Upper tolerance (in %) * 9	
ŝ		<ul> <li>Capture component batch ld ①</li> </ul>	_		
ŀ		Comments / warning message Enter comments			
EASY TOUCH				Back Add	

The component will get added successfully to the list •

	Formulation Formulation > Add new formulation	1			English v Ribert Admin,	- a ×
 දැ	Add new formula Master object ID (Formula ID) * MY67987	Master object name (Name Mayonnaise	of formula) *	ID number / Name 8736782892		Add new component
	Chemical formula Please enter chemical formula	Formula group Add formula group	Q	Edit authority * 🕕 Admin	~	Add
	Comments Please store in refridgerator					component from memory
¢¢		ed sequence 🔿 🛛 🧭 Order (or)	Batch number mandatory 🔘	Activate auto-	are 🛈	Add formula group
	Component ID Component name	Chemical formula	Target weight	Lower tolerance	Upper tolerance	
	65676VH Vinegar	-	120.0 g	10 %	10 % >	
	567878TYU Neutral-flavored	oil CnH2n+2	170.0 g	10 %	9%>	
KERN EASY TOUCH					Back	

**2.3 Creating the formula group**Click on the "add formula group" and define the group. The created groups would be available while creating the formula. User can allocate the formula group to the set of formulae matching the respective group.



	Formulation Formulation	English $\lor$	Albert	□ ×
	Formulations Paused formulations			
$\widehat{\mathbf{G}}$	C Search by Key		Q == =	Add new formula
	Formulation ID >			*
	Formulation name Mayonnaise			Formula group
ŝ				Component group
Ū,				
KERN EASYTOUCH				

- Formula group name and description: User can enter the group name and description
- Click on "add and save the formula group".
- User shall be allowed to edit, delete, and resave the formulae groups by clicking on the edit and delete options after selecting the required formulae groups.

	Formulation Formulation > Formula group > New formulation group		English $\lor$	Albert Admin,	_		×
	Add formula group						8
ିନ	Formula group name * Food product	Formula group description Pantry condiments					
ŧĝ;							
œ							
				Back		Add	



	Formulation Formulation > Formula groups			English $\lor$	Albert Admin,		□ ×
		Active formula groups	Search by Key		Q	8 =	8
ନ						—, U	Add new group
	Group name Food product Group description						
	Pantry condiments						
Ô							
ŀ							
KERN EASY TOUCH					В	ack	

## 3.0 Selecting a formula

• The formula created either from memory or using the formulation function will be listed here and the user might be able to choose the respective formula for preparation of the recipe

₩ ا	Formulation	English 🗸	Albert	□ ×
	Formulations Paused formulations			
ŵ	Search by Key		<	Add new formula
	Formulation ID >			*
	Formulation name Mayonnaise			Formula group
ĝ				Component group
ŀ				
KERN EASYTOUCH				

- The below screen would be displayed detailing with the individual target weight.
- The user can define the target weight of the recipe to produce the product.
- The individual target weights of the component will change according to the entered product target weight



ر ال	Formulation > Formulation data view				English $\vee$	Albert Admin,	- 🗆	×
	No device to continue						(	9) R
	Name of formula Mayonnaise Nominal weight 290 g Comments Please store in refridgerator	Formula ID MY67987		ID number / Name 8736782892	Chemical formula -			
ŵ	Total target weight * Enter target weight	unit g 💌	Order or Batch number * Please enter order or b	atch number				
ŀ	Component name	Target weight	Lower tolerance	Upper tolerance	Manual weight	Default device		
	Vinegar	120.0 g	108.0 g	132.0 g	<u>0.0 g</u>	KGP 6K-4 / KGP 6K 4		
KERN EASY TOUCH				Back	Delete	Edit	Start dosing	
ر ال	Formulation Formulation > Formulation data view				English $\vee$	Albert Admin,	- 8	×
	No device connected						(	9 ²
	Name of formula Mayonnaise Nominal weight 290 g Comments Please store in refridgerator	Formula ID MY67987		ID number / Name 8736782892	Chemical formula			
<u>ا</u>	Total target weight * 900	g 🗸	Order or Batch number * 67878					
œ	Component name	Target weight	Lower tolerance	Upper tolerance	Manual weight	Default device		
	Vinegar	372.4 g	335.2 g	409.7 g	<u>0.0 g</u>	KGP 6K-4 / KGP 6K 4		
	Neutral-flavored oil	527.6 g	474.8 g	575.1 g	<u>0.0 g</u>	KGP 6K-4 / KGP 6K 4		
KERN EASY TOUCH				Back	Delete	Edit	Start dosing	

• User can start dosing the components by clicking on the dosing button.



۱	Formulation Formulation > Formulation dosing		English	V I Albert – D X
	KDP 3000 2 KDP 3000-2 3.5 kDP 3000-2 kDP 300	Min d ≺g O O.O1 g		<b>P</b>
ŵ	Q Vinegar Neutral			Save and continue
		143.63	<b>3</b> g	(×)
	335.17 g	372.41 g	4	09.66 g
ŝ	Lower tolerance limit	Target weight	Upper	tolerance limit
ŀ	۶¢ ۲۵	are 0.00 g	Zero	%
	Formula description	Component description		Activate auto-tare ③
	Formula ID MY67987	Component name Compone	nt ID ID / Batch Mar	nual weight Comments
	Formula name Mayonnaise Chemical formula -	Vinegar 65676VH	Details 0.0	ي (I
KERN EASY TOUCH	Total target weight 900.00 g			

## 4.0 Formulation / dosing

#### Connecting a weighing scale

Please connect the active weighing scale to the system to start measuring the substance. Please refer the "device management" user manual to help with the device connection instructions.

ы Марика Парика	Formulation Formulation > Formulation dosing					English $\vee$ A	dmin,	□ ×
	KDP 3000 2 KDP 3000-2 3	ax Min .5 kg O	d 0.01 g					
ିନ	Q Vinegar Neutral ☆						£ D⇒D	Save and continue
			143	.63g				(×) Abort
	335.17 g		3	72.41 g		409.66 g		
ŝ	Lower tolerance limit		Tar	get weight		Upper tolerance limit		
							)	
Ū,	*	Tare O.C	0 g		Zero		%	
			- 6					
	Formula description	Component c	lescription			🖉 Activ	vate auto-tare ①	
	Formula ID MY67987		Component name	Component ID	ID / Batch	Manual weight	Comments	
	Formula name Mayonnaise	5	Vinegar	65676VH	Details	<u>0.0 g</u>	6	
	Chemical formula -							
EASY TOUCH	Total target weight 900.00 g							

- The first component of the recipe would be displayed with the calculated target weight and the tolerance.
- User could see the relative details regarding the formula and the measuring component
- User could be able to see that the options defined in the formula or components will be reflected here.



ы С	Formulation Formulation > Formulation dosing					English $\vee$ $\begin{tabular}{ c c } Al \\ Ad \\ Ad \\ \end{tabular}$	bert	□ ×
	Internal code Model name KDP 3000 2 KDP 3000-2	Max Min 3.5 kg O	d 0.01 g					_
	Q Vinegar Neutral						≞ ⊐>⊐	Save and continue
			143	.63g				$\otimes$
	335.17 g		37	2.41 g		409.66 g		ADOIT
ŝ	Lower tolerance limit		Targe	et weight		Upper tolerance limit		
ŀ	%	Tare 0.0	00 g		Zerc		×	
	Formula description	Component o	description			Active	ate auto-tare 🛈	
	Formula ID MY67987	1	Component name	Component ID	ID / Batch	Manual weight	Comments	
	Formula name Mayonnaise		Vinegar	65676VH	Details	<u>0.0 g</u>		
KERN EASY TOUCH	Total target weight 900.00 g	5						

**Comments:** User might be able to get the instructions defined against the component and can follow it while measuring and handling.

Ма́	Formulation Formulation > Formulation dosing		English v Albert Admin, _	
	Internal code Model name M 9837982 KDP 3000-2 3.	ax Min d 5 kg O kg 0.01	g (Land	
$\bigcirc$	Q Vinegar Neutral		Ē	Save and continue
		180 87	►	
		400.078	3	Abort
ŝ	335.17 g Lower tolerance limit	<b>372.41 g</b> Target weight	409.66 g Upper tolerance limit	
⊡ <b>,</b>	×	× ×	*	
	Tare 0.00 g		Zero	
	Formula description Component	description	Activate auto-tare ③	
	Formula name Mayonnaise	Component name Component ID Vinegar	ID / Batch Manual weight Comments	
KERN	Chemical formula -	i comment - Plea	ase use gloves and open the bottle	×
EASY TOUCH	Total target weight 900.00 g			

Allow pause: User might be able to pause the formulation whenever required during the preparation or dosing of components in case if the option is being enabled and will not be able to see the pause icon in case if it's disabled in the formula

Ké s	Formulation         English v         Albert .           Formulation > Formulation dosing         English v         Image: Albert .         Admin	-	
	Internal code         Model name         Max         Min         d           KDP 3000 2         KDP 3000-2         3.5 kg         O         0.01 g	P	
$\widehat{\mathbf{w}}$	Q Vinegar Neutral $\hat{O}$	 □→□	Save and continue
	<b>270.55</b> g		X
	474.83 g 527.59 g 575.07 g		Abort
۲Çi	Lower tolerance limit Target weight Upper tolerance limit		
ŀ	Concerning the second s	%	Pause
	Formula description Component description	to-tare ①	
	Formula II) MYB/98/ Component name Component ID ID / Batch Manual weight C Formula name Mayonnaise Neutral567878TVU Details 0.0 e	Comments	
	Chemical formula		
KERN EASY TOUCH	Total target weight 900.00 g		

Paused formulae: The paused formulae might be found in the paused formula list in the home screen

Upon clicking the required formulae, the user might be redirected to the screen from where the user has left.

Fixed sequence: Enabling this option would allow the user to move from first to any of the components as per the operator's wish and user might not be allowed to switch the components in case if the option is being disabled



Order or batch number mandatory for component: Enabling this option would ask the user to enter the order or batch number mandatorily once the measurement is been done.



For	rmulation	osing					English V	bert	
	Internal code Mod KDP 3000 2 KDF	el name M 2 3000-2 3.	ax Min 5 kg O	d 0.01 g					
	Q Vinegar Neutral-							<b>∂</b> ⇒•0	Save ar continu
				345	5.53	7			$\otimes$
				Component Batch ID	Number				Abort
	33	5.17 g		Component Batch ID / Numbe	er *		409.66 g		
				Please enter the batch ID	/ number				
							<b>A</b>		
			Tare 00	Clos	ie Save	Zero			
				_ 0]					
F	Formula description		Component d	escription			Active	ate auto-tare ()	
		MV67997							
			1	Component name			Manual weight		
		Mayonnaise		Vinegar	65676VH	<u>Details</u>	<u>0.0 g</u>		
	Chemical formula								

Activate auto tare: Enabling this option would automatically tare the weight of the first component when clicking on save and continue to proceed in measuring the second component

هر م	Formulation Formulation > Formulation dosing					English $\vee$ A Ad	lbert – dmin,	□ ×
	Internal code         Model name           KDP 3000 2         KDP 3000-2	Max Min 3.5 kg O	d 0.01 g				<b>B</b>	
	Q Vinegar Neutral						£ D→D	Save and continue
			344	.83	5			$\overline{\otimes}$
	335.17 g		37	2.41 g		409.66 g		Abort
Ô	Lower tolerance limit			et weight	Upper tolerance limit			
ŀ	%			× I		X	%	
		Tare	<u> </u>		Zero	,		
						⊘ Activ	vate auto-tare 🕕	
	Formula description	Component de	escription					
	Formula ID MY6798,		Component name	Component ID	ID / Batch	Manual weight	Comments	
	Chemical formula -	U	ALLOPON	000/0411	0.000	0.0 5		
KERN EASY TOUCH	Total target weight 900.00 g	3						



۵	Formulation > Formulation dosing		English $\lor$ Albert Admin,	□ ×
	Internal code Model name Max KDP 3000 2 KDP 3000-2 3.5 kg	Min d O 0.01 g	(P)	
ŝ	Q Vinegar Neutral 分		â	Save and continue
		343.95g	k.a	$\overline{\otimes}$
				Abort
	474.83 g	527.59 g	575.07 g	
ŝ	Lower tolerance limit	Target weight	Upper tolerance limit	
(];	۶¢ Tare	343.00 g	Zero	Pause
	Formula description Comp	onent description	🔗 Activate auto-tare 🛈	
	Formula name Mayonnaise	Component name Component ID II Neutral 567878TYU	D / Batch Manual weight Comments Details 0.0 g	
	Chemical formula _			
KERN EASY TOUCH	Total target weight 900.00 g			

Place the component and observe the colour and sound indications

The green colour indicates that the target is reached, and user might be able to proceed with the next component.

	Formulation Formulation > Formulation dosing			English $\vee$ $\qquad \qquad \qquad$	lbert — 🗆	×
	Internal code Model name Maa KDP 3000 2 KDP 3000-2 3.5	kg O 0.01 g			•	
ŵ	Q Vinegar Neutral				Save a contin	and tinue
		344	.83g		X	×)
	335.17 g	37	2.41 g	409.66 g		
۲Ċ۶	Lower tolerance limit	Targ	et weight	Upper tolerance limit		
(];	%	are 0.00 g		Zero	%	
	Formula description	Component description		🖉 Activ	ate auto-tare	
	Formula ID MY67987 Formula name Mayonnaise	Component name	Component ID ID / Bat 65676VH 87698	ch Manual weight O.O g	Comments	
	Chemical formula -	-				
KERN EASY TOUCH	Total target weight 900.00 g					

• The yellow colour indicates that the target is under the minimum tolerance, and user might not be able to proceed with the next component.

•



к б	Formulation Formulation > Formulation dosing	Englisi	h v 💽 Albert Admin, – 🗆 X
	Internal code Model name Max KDP 3000 2 KDP 3000-2 3.5	Min d kg O O.O1 g	
	Q Vinegar Neutral		and Save and continue
		<b>272.49</b> g	(×)
	474.83 g	527.59 g	575.07 g
ŝ	Lower tolerance limit	Target weight Upp	er tolerance limit
(]-	%	are 0.00 g	Pause
	Formula description Formula ID MY67987	Component description	Activate auto-tare      Manual weight     Comments
	Formula name Mayonnaise Chemical formula –	Neutral567878TYU Details C	<u>)0 g</u>
KERN EASY TOUCH	Total target weight 900.00 g		

• The red colour indicates that the component is overdose and required to be corrected to proceed with the next component.

i i i i i i i i i i i i i i i i i i i	Formulation Formulation > Formulation dosing	English v 🛛 💭 Albert – Admin,	□ ×
	Model name Max Min d KDP 3000 2 KDP 3000-2 3.5 kg O 0.01 g	<b>B</b>	
ŵ	Q Vinegar Neutral ☆	<u>0</u> 0*2	Save and continue
	ьт <b>534.72</b> g	M	$\otimes$
	335.17 g 372.41 g	409.66 g	Abort
ŝ	Lower tolerance limit Target weight	Upper tolerance limit	
□}	%	*	
	Tare <u>3.00</u> g	Zero	
	Formula description Component description	🖉 Activate auto-tare 🛇	
	Formula ID MY67987	Manual unight Commonte	
	Formula name Mayonnaise Vinegar 65676VH Details		
	Chemical formula -		
KERN EASY TOUCH	Total target weight 900.00 g		

- Dose carefully the first component until an acoustic signal sounds and the field "target weight" in the center is displayed green.
- Click on save & continue and proceed in measuring the next component. Repeat the same steps and complete the recipe.



	Formulation Formulation > Result					English~	Albert Admin,	_	□ ×
	Result Data								8
$\widehat{\mathbf{A}}$	Dynamic object ID 879879		Dynamic object name 98789790		Auto print				
	Master objectdata								
	Formula ID MY67987		Formula name Mayonnaise		ID number / Name 8736782892		Total target weight 900.00 g		
ŝ	Total applied weight 867.41 g								
Ū	Component data	Chart Additional Info	rmation						
	Component ID	Component name	Batch ID	Target weight	Effective target weight	Total applie	d weight	Manual weight	
	65676VH	Vinegar	87348927	372.41 g	372.41 g	387.68 g		Οg	
	567878TYU	Neutral-flavored oil	9870	527.59 g	527.59 g	479.73 g		Οg	
KERN EASY TOUCH				Back	Export as PDF	Excel	Print	Se	ive

## 4.1 Overdose

- Overdosing occurs when the component weight exceeds the upper tolerance. User might be able to proceed with weighing the next component only upon applying the correction.
- Correction means the target weight of the remaining components will be automatically recalculated based on the weight of the overdosed component

) ) ) ) ) ) )	Formulation Formulation > Formulation dosing			English~ Ibert		□ ×
	Internal code Model name 9837982 KDP 3000-2	Max Min 3.5 kg O kg	d 0.01 g		(Pa)	
ନ	Q Vinegar Neutral					Save and continue
		170-	71~		h.d	
		4/3.	/ Ig			Abort
~	0.00 g	0.00 g		0.00 g		
τ <u>Ο</u> Σ	Lower tolerance limit	Target weig	ht	Upper tolerance limit		
_]-	%		Å	Å	 %	
	Tare 0.00 g			Zero		
	Formula description Compon	ent description		⊘ Activate au	uto-tare	
	Formula ID MY67987	Component name Co	omponent ID ID / Batch	Manual weight	Comments	
	Formula name Mayonnaise	Vinegar 6	676VH <u>987809</u>	<u>U.U g</u>	П	
KERN EASY TOUCH	Total target weight 900.00 g		Dear Albert Sauter, an overdosing ev	vent nappened with the component Vinegar		

• Click on apply to apply the correction and see the effective target weight and restart the weighing



×	Formulation Formulation > Correction				English~	Albert	□ ×
	Correction Overdosing event in Vinegar (ID : (	65676VH)					
ŵ	Formula ID MY67987	Formula name Mayonnaise		Chemical formula -	Total target weight 1,159.30 g		Apply
88	Component data	Chart					
	Component Id	Component Name	Original Target Weight	Manual weight	Overdose	Correction	
	65676VH	Vinegar	479.71 g	0.00 g	107.30 g	0.00 g	
ţĊ;	567878TYU	Neutral-flavored oil	679.59 g	0.00 g	0.00 g	152.00 g	
G							
KERN EASY TOUCH							

• The user will be provided with the graphical representation for the easy understanding with respect to the details overdosed.

ر ال	Formulation Formulation > Correction			English~ 😡 🗛	.lbert dmin,	Ξ ×
	Correction Overdosing event in Vinegar (ID : 1	35676VH)				
$\widehat{\mathbf{A}}$	Formula ID MY67987	Formula name Mayonnaise	Chemical formula _	Total target weight 1,159.30 g		Apply
	Component data	Chart				
	700		_	152.00 g		
ŝ	600			227.20		
ŀ	400	107.30 g		527.59 g		
	300	372.41 g				
	200					
	100					
KERN EASY TOUCH	0 Correction Overdos	Vinegar in g e 📕 Original		Neutral-flavored oli in g		

• Upon clicking on apply, the recalculated target weight would be available for the user to start weighing or dosing



i i i i i i i i i i i i i i i i i i i	Formulation Formulation > Correction			English~ 😡 All	oert — □ ×
	Correction Overdosing event in Vinegar (II	D:65676VH)			
ŵ	Formula ID MY67987	Formula name Mayonnaise	Chemical formula -	Total target weight 1,159.30 g	Apply
	Component data	Chart			
	700			152.00 g	
¢	600				
	500			527.59 g	
ŀ	400	107.30 g			
		372.41 g			
	300				
	200				
	100				
	0	Vinegar in g		Neutral-flavored oil in g	
EASY TOUCH	Correction 📕 Over	dose 📕 Original			

- Kindly note, this auto correction might be helpful only in the case of non-fixed sequence where the user might be able to again switch to the first component for reweighing.
- User might only have an option to abort in case of fixed sequence.

	Formulation Formulation > Formulation dos	sing				English~	Albert Admin,	
	Internal code 9837982	Model name KDP 3000-2	Max 3.5 kg	Min O kg	d 0.01 g			
ŵ	Q Vinegar Neutral						Ē	Save and continue
			479	986	σ			$\otimes$
				0.00	<u>ь</u>			Abort
Ø	611.6 Lower toler	<b>i3 g</b> ance limit		679.59 g Target weight		740.75 g Upper tolerance I	limit	(I) Pause
(];	%			Å		ž	 %	
		Tare 0.00 g				Zero		
	Formula description	Comp	onent description			$\odot$	Activate auto-tare ①	
	Formula ID	MY67987	Commente	na Campanant II	D / Retals	Manual uniobs	Commente	
	Formula name	Mayonnaise	Neutral	567878TYU	, Batch Details	O.O g		
KERN	Chemical formula							
EASY TOUCH	Total target weight	1,159.30 g						

## 4.2 Underdose

- Underdosing occurs when the component weight lies minimum than that of the lower tolerance. User might be able to proceed with weighing the next component only upon applying the correction.
- This might be useful in case where the industries might have less supply or will have the minimum quantity to prepare an item.
- Correction means the target weight of the remaining components will be automatically recalculated based on the weight of the overdosed component
- Click on apply to apply the correction and see the effective target weight and restart the weighing



- Kindly note, this underdose auto correction might be helpful only in the case of non-fixed sequence and only for the first component.
- User might only have an option to abort in case of fixed sequence.

## 5.0 Result data

## 5.1 Measurement data

An overview of the determined data appears upon clicking on the button "save & continue" in the last component.

The below screen appears and the user might be able to view the complete result data.

	Formulation Formulation > Result					$English_{\vee}$	Albert Admin,		
	Result Data								8
ŵ	Dynamic object ID 76789		Dynamic object name 7889908		Auto print				
	Master objectdata								
	Formula ID MY67987		Formula name Mayonnaise		ID number / Name 8736782892		Total target weight 900.00 g		
ŝ	Total applied weight 816.81 g								
ŀ	Component data	Chart Additional In	formation						
	Component ID	Component name	Batch ID	Target weight	Effective target weight	Total appli	ed weight	Manual weight	
	65676VH	Vinegar	987809	372.41 g	372.41 g	336.07 g		Οg	
	567878TYU	Neutral-flavored oil	876798	527.59 g	527.59 g	480.74 g		Οg	
KERN EASYTOUCH				Back	Export as PDF	Excel	Print	Sa	ve

Here, the user might be able to

### 5.1.1 PDF, print and save

The user can save the data, generate the result data as an PDF or excel or print the results All the saved results would be found in the dynamic database

### 5.1.2 Dynamic object ID and name

The user can enter a reference id and name to the weighing objects to stay unique and search based on the dynamic id and name in the dynamic database (after the result data is being saved) regarding the weighing results of an object

## 5.1.3 Auto print

The user will have an option to save and print on a single click. This allows the user to print the data with the measurement ID

Once the save button is clicked, the balance is again on weighing mode

## 5.2 Chart

The effective measurements of the components in a product would be displayed in the graphical format for easy understanding to the user



к Малария Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана Паралана П	Formulation Formulation > Result			English~ Albert Admin,	- 🗆 X
<b>_</b>	Formula ID MY67987	Formula name Mayonnaise	ID number / Name 8736782892	Total target weight 900.00 g	8
ŵ	Total applied weight 816.81 g				
	Component data	Chart Additional Information			
	600				
ţĊ;				527.59 g	
(),	400	372.41 g			
	200				
	0				
	Correction 📕 O	Vinegar in g iverdose Criginal		Neutral-flavored oil in g	
KERN EASY TOUCH			Back Export as PDF	Excel Print	Save

## 5.3 Additional data

• Users will have an option to enter additional information as such the customer's name, order or batch number, cost center, and comments.

	Formulation Formulation > Result		Eng	glish~ Albert Admin,	- 🗆 X					
	Formula ID MY67987	Formula name Mayonnaise	ID number / Name 8736782892	Total target weight 900.00 g	8					
ନ	Total applied weight 816.81 g									
	Component data Char	t Additional Information								
	Customer name Reger Ina		User information							
ŝ	Order / Batch number * 789789		Result generated by on 2022-10-02 18:19:14							
(ŀ	Cost center Balingen		Martensoft, Iambaram, ob6403, Chennai, India, 9089865643, marlensoft@gmail.com, www.marlensoft.com							
	Comments Please store it in the refridge	erator								
KERN EASY TOUCH			Back Export as PDF Excel	Print	Save					

• The user can save the data, generate the result data as a PDF or excel or print the results. All the saved results would be found in the dynamic database.

## 6.0 Dynamic data

## 6.1 Result data

- All the saved data would be found in the dynamic database.
- Click on the database icon and navigate to the dynamic database



i i i i i i i i i i i i i i i i i i i	Database Databases list	$English_{\vee}$	Albert Admin,	
	Master data			
ŵ	Master data			
ŵ				
ŀ				
KERN EASYTOUCH				

• Click on the filter and the below screen would be displayed. Kindly note, the last used function would be displayed by default

ы С	Database Database > Reports list				$English \lor$	Albert Admin,	Ξ×
	Function Formulation (8)	Search by	Sort by Created on - Descending	From date 2021-10-02		To date 2022-10-02	
$\widehat{\mathbf{A}}$	Measurement ID	Master object ID	Dynamic object ID	Dynamic object name	<b>F</b> 1	Created on	Export
	FormulationResult-w02102022182507	MY67987	76789	7889908		2022-10-02 18:25:07	
	FormulationResult-w02102022181712	MY67987	-	-		2022-10-02 18:17:12	
	FormulationResult-w02102022181234	MY67987	-	-		2022-10-02 18:12:34	
	FormulationResult-w01102022230241	MY67987	-	-		2022-10-01 23:02:41	
ŝ	FormulationResult-w01102022230028	MY67987	-	-		2022-10-01 23:00:28	
	FormulationResult-w01102022225823	MY67987	-	-		2022-10-01 22:58:23	
ŀ	FormulationResult-w01102022225657	MY67987	-	-		2022-10-01 22:56:57	
	FormulationResult-w01102022225356	MY67987	-	-		2022-10-01 22:53:56	
KERN EASY TOUCH						Back	

• Choose to use the filter to set the other desired filters and the required sort of option



i i i i i i i i i i i i i i i i i i i	Database Database > Reports list			English v 💽 Albert – 🗆 X
	Function Formulation (8)	Search by -	Sort by Created on - Descending	Filters
$\widehat{\basis}$	Measurement ID	Master object ID	Dynamic object ID 🔤	Formulation V
QQ	FormulationResult-w02102022182507	MY67987	76789	Search by keyword
	FormulationResult-w02102022181712	MY67987	-	Please enter the keyword to search X
	FormulationResult-w02102022181234	MY67987		From date To date
	FormulationResult-w01102022230241	MY67987		2021-10-02
۲	FormulationResult-w01102022230028	MY67987	-	Constant.
	FormulationResult-w01102022225823	MY67987	-	Created on
	FormulationResult-w01102022225657	MY67987		
	FormulationResult-w01102022225356	MY67987	-	Ascending order     O     Descending order
				J
				Back Reset Submit

- The list of dynamic data saved against the set filter would be found here
- Click on the required transactional data to see the complete set of details

к Ма	Database Database > Reports list				English V Albert –	Ξ×
	Function Formulation (8)	Search by	Sort by Created on - Descending	From date 2021-10-02	To date 2022-10-02	
ŵ	Measurement ID	Master object ID	📰 Dynamic object ID	Dynamic object name	T Created on	고 Export
	FormulationResult-w02102022182507	MY67987	76789	7889908	2022-10-02 18:25:07	
	FormulationResult-w02102022181712	MY67987	-	-	2022-10-02 18:17:12	-
	FormulationResult-w02102022181234	MY67987	-	-	2022-10-02 18:12:34	
	FormulationResult-w01102022230241	MY67987	-	-	2022-10-01 23:02:41	
۲Ċ	FormulationResult-w01102022230028	MY67987	-	-	2022-10-01 23:00:28	
	FormulationResult-w01102022225823	MY67987	-	-	2022-10-01 22:58:23	
(),	FormulationResult-w01102022225657	MY67987	-	-	2022-10-01 22:56:57	
	FormulationResult-w01102022225356	MY67987	-	-	2022-10-01 22:53:56	
KERN					Back	

• The saved data can be printed or exported as PDF or excel.



i s	Database Database > Reports list					English~	Albert – 🗆 ×
	Function	Search by	FormulationResult-wC	)2102022182507			
$\wedge$			Master objectdata				
Ŵ	Measurement ID	Master object ID	Formula ID	Formula name		ID number / Name	Dynamic object ID
	FormulationResult-w02102022182507	MY67987	MY67987	Mayonnais	e	8736782892	76789
	FormulationResult-w02102022181712	MY67987	Dynamic object name	Total target wr	aight	Total applied weight	
A	FormulationResult-w02102022181234	MY67987	7889908	900.00 g		816.81 g	
	FormulationResult-w01102022230241	MY67987	4				
۵.	FormulationResult-w01102022230028	MY67987	Component data	Chart Additional I	nformation		
	FormulationResult-w01102022225823	MY67987	·				
œ	FormulationResult-w01102022225657	MY67987	Component ID	Component name	Batch ID	Target weight	Effective target weight
	FormulationResult-w01102022225356	MY67987	65676VH	Vinegar	987809	372.41 g	372.41 g
			567878TYU	Neutral-flavored oil	876798	527.59 g	527.59 g
			4				
			4				
			4				
			4				
KERN			1		Close	Excel	Export as PDF Print

## 6.2 Chart

The admin user can be able to view the effective measurement in the graphical format for easy understanding and can be able to export the chart information in the form of PDF

ا∭ ∂	Database Database > Reports list			$English_{\mathbf{\vee}}$	Albert – 🗆 🗆	×
	Function Formulation (8)	Formula ID Search by MY67987	Formula name Mayonnaise	ID number / Name 8736782892	Dynamic object ID <b>76789</b>	
$\widehat{\mathbf{w}}$	Measurement ID	Dynamic object n Master object ID 7889908	ame Total target weight 900.00 g	Total applied weight 816.81 g		
	FormulationResult-w02102022182507	MY67987				
00	FormulationResult-w02102022181712	MY67987 Component data	Chart Additional Information			
	FormulationResult-w02102022181234	MY67987				
	FormulationResult-w01102022230241	MY67987 600				
ĝ	FormulationResult-w01102022230028	MY67987			527.59 g	
	FormulationResult-w01102022225823	MY67987				
œ	FormulationResult-w01102022225657	400 MY67987	372.41 g			
	FormulationResult-w01102022225356	MY67987				
		200				
		0	Vinegar in g		Neutral-flavored oil in g	-
		Correction	🛛 Overdose 🔲 Original			
KERN EASY TOUCH			Close	Excel	Export as PDF Print	

## 6.3 Additional data and print

The additional information as such the customer's name, order or batch number, cost center, comments entered in the result data will be replicated here along with the user information (who saved the result)



الأ	Database Database > Reports list				English~	Albert	□ ×	
	Function Formulation (8)	Search by	Formula ID MY67987	Formula name Mayonnaise	ID number / Name 8736782892	Dynamic object ID 76789		
$\widehat{\basis}$	Measurement ID	Master object ID	Dynamic object name 7889908	Total target weight 900.00 g	Total applied weight 816.81 g			
	FormulationResult-w02102022182507	MY67987						
00	FormulationResult-w02102022181712	MY67987	Component data Chart	Additional Information				
B	FormulationResult-w02102022181234	MY67987						
<u> </u>	FormulationResult-w01102022230241	MY67987	0		User information			
۲Ċ	FormulationResult-w01102022230028	MY67987	Reger Ina		O Result generated	by		
	FormulationResult-w01102022225823	MY67987	Order / Batch number		on 2022-10-02	2 18:25:07		
()	FormulationResult-w01102022225657	MY67987	Cost center		Marlensoft, Tambaram, 6 9089865643, marlensof	656453, Chennai, India, it@gmail.com,		
	FormulationResult-w01102022225356	MY67987	Balingen		www.marlensoft.com			
			Comments					
			Please store it in the refridge	erator				
KERN EASY TOUCH				Close	Excel	Export as PDF	Print	

The end