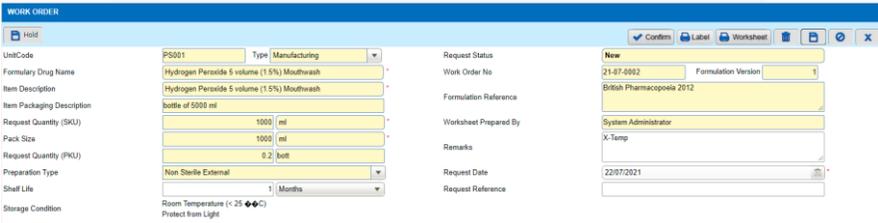
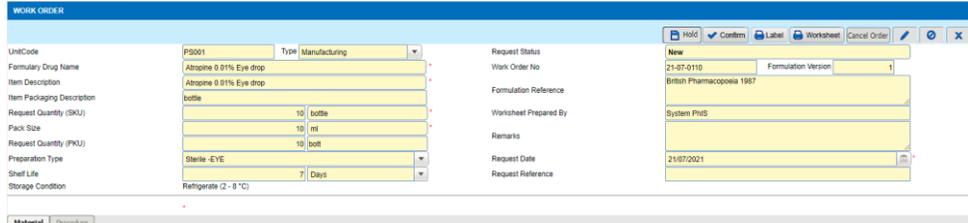
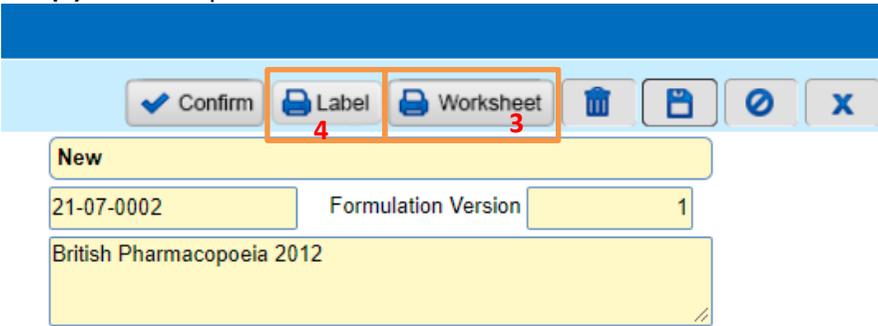
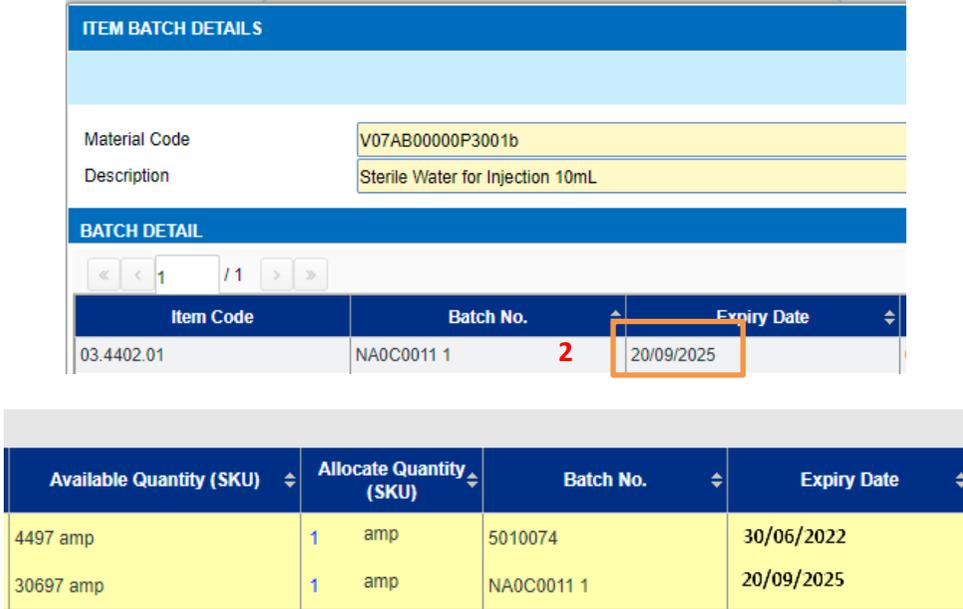
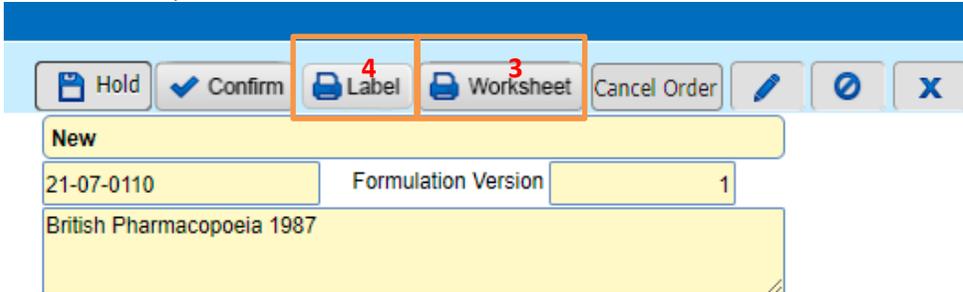


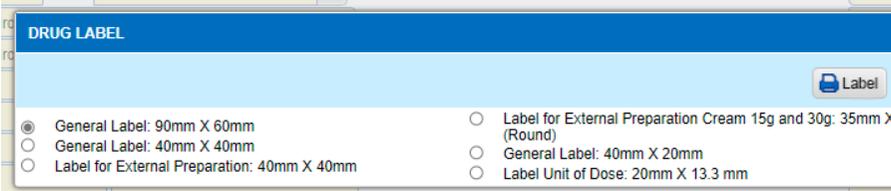
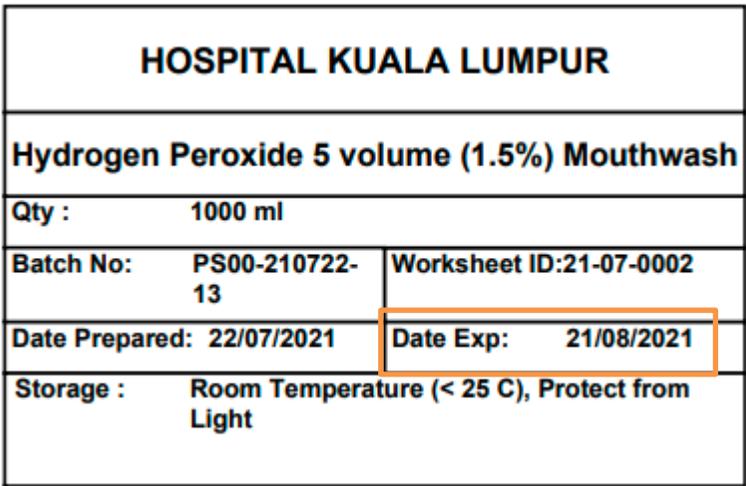
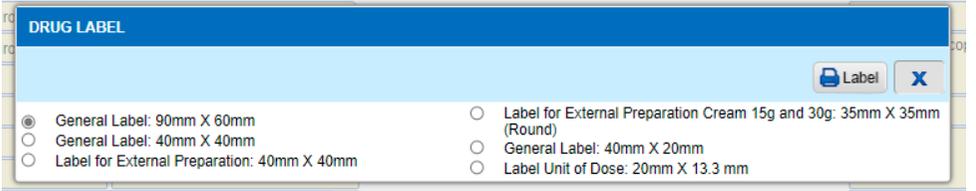
1. Summary of Ticket Number and Requests on Galenical Work Order

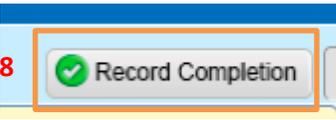
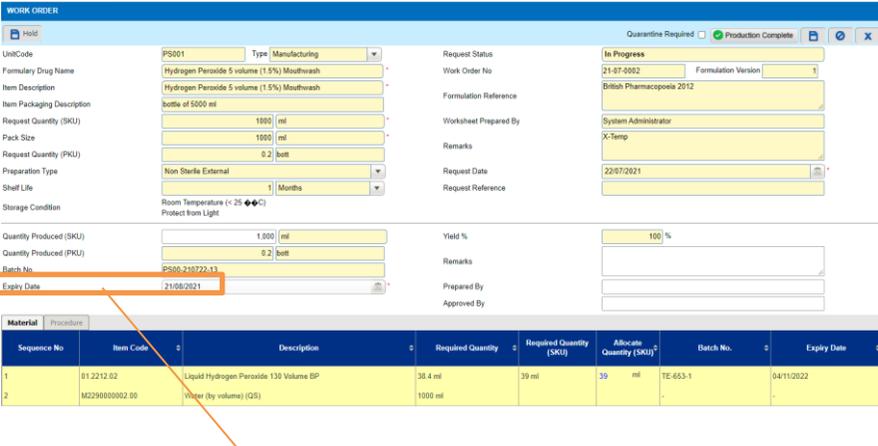
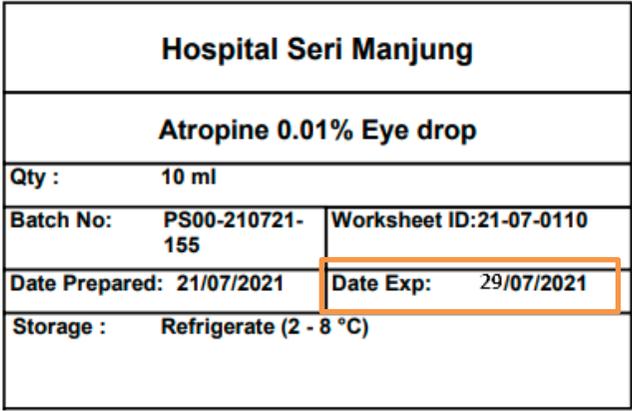
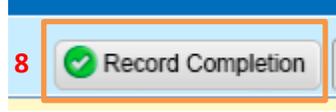
No.	Ticket #	Description	Requests	Solution
1.	18399794C	<p><u>Work Order - Request preparation expired date follow material with latest expired date</u></p> <p>User request preparation expired date will follow item with latest expired date for work order</p> <p>Situation</p> <p>Preparation : Cetrimide Powder BP need to use 2 material for the procedure.</p> <p>Material A : Expired 5/2018</p> <p>Material B : Expired 2/2019</p> <p>Shelf Life : 6 months</p> <p>Current system will show expired date base on shelf life.</p> <p>User request system auto calculate and show expired date for the preparation with latest expired date material.</p>	<p>Expiry Date to follow shortest expiry date, either Shelf Life or Raw Material</p>	<p>Request preparation expired date follow material with latest expired date - To generate expiry date based on latest raw material expiry date not based on shelf life.</p> <p>Applicable only when raw material expiry date is less than default shelf life from HQ. If more, to follow HQ shelf life (to take the shortest expiry date). Refer attachment1.</p>
2.	18528755C	<p><u>Work Order - Expiry date not tally with physical item</u></p> <p>User reported Expiry Date was not follow Raw material or previous expiry Date. User give an example for worksheet as below :</p>	<p>Expiry Date to follow shortest expiry date, either Shelf Life or Raw Material</p>	

No.	Ticket #	Description	Requests	Solution
		18-07-0056		
3.	18555663C	<p><u>UAT 2.0 - Galenical Work Order - Add Packaging in Worksheet</u></p> <p>To add Item Packaging Description in printed worksheet.</p>	Add Packaging in Worksheet	To add Item Packaging Description in printed worksheet. Refer attachment1. Solution - to replace Pack Size to Packaging Desc in worksheet
4.	19645439C (RMS: 200000958 E)	<p><u>Work Order: Request to add function cancel before production complete</u></p> <p>User request to add function cancel before production complete during status in progress</p>	Add Cancel function before production complete	To add function cancel before production complete during 'In Progress' status.

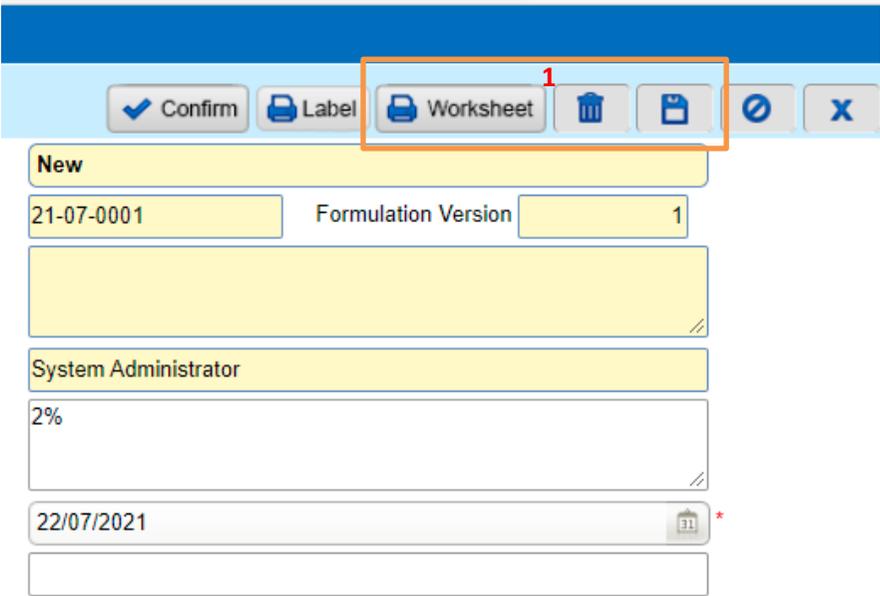
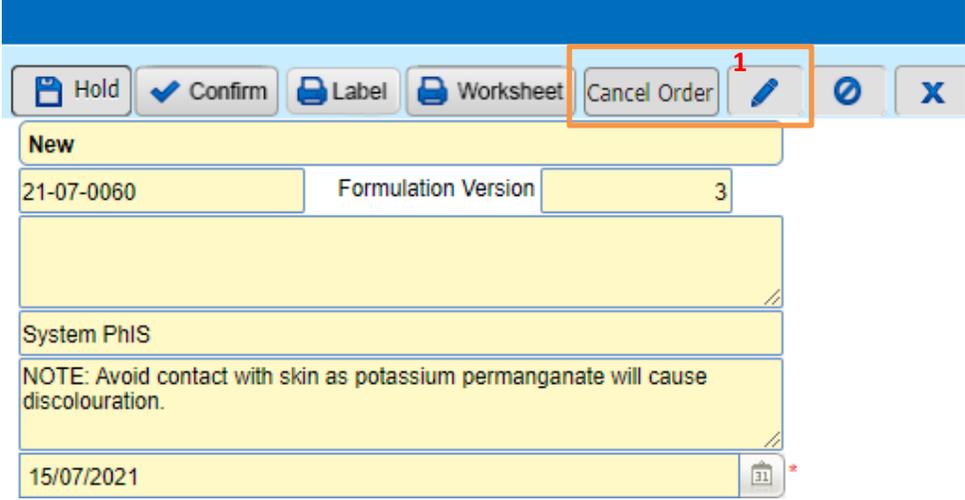
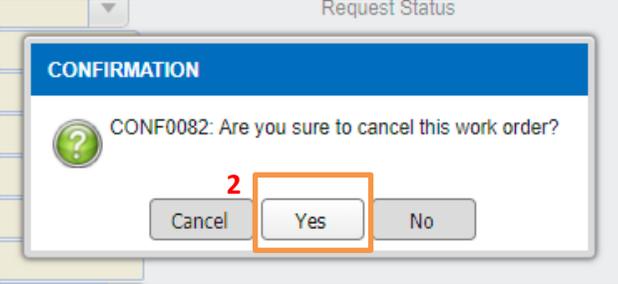
Function Flow	Current Version 2.4	New Version 2.5												
<p>1. Add new Work Order Galenical and print Worksheet</p>	<p>1. Add new Work Order for Galenical.</p>  <p>2. From the above example, Shelf Life = 1 month (1), meanwhile Raw Material expiry date = 04/11/2022 (2).</p> <p>Shelf Life: 1 Months</p> <p>Storage Condition: Room Temperature (< 25 °C) Protect from Light</p> <p>ITEM BATCH DETAILS</p> <p>Material Code: RAW00028 Description: Hydrogen Peroxide 130 Volume Liquid</p> <p>BATCH DETAIL</p> <table border="1"> <thead> <tr> <th>Item Code</th> <th>Batch No.</th> <th>Expiry Date</th> </tr> </thead> <tbody> <tr> <td>01.2212.02</td> <td>TE-653-1</td> <td>04/11/2022</td> </tr> </tbody> </table> <p>Notes: Preparation Date was on 22/7/2021 (example)</p>	Item Code	Batch No.	Expiry Date	01.2212.02	TE-653-1	04/11/2022	<p>1. Add new Work Order for Galenical.</p>  <p>2. From the above example, Shelf Life= 7 days (1), meanwhile Raw Material expiry date = 30/06/2022 and 20/09/2025 (2) (follow original expiry date).</p> <p>Shelf Life: 7 Days</p> <p>Storage Condition: Refrigerate (2 - 8 °C)</p> <p>Material Code: A03BA01183P3001XX Description: Atropine Sulphate 1mg/ml Injection</p> <p>BATCH DETAIL</p> <table border="1"> <thead> <tr> <th>Item Code</th> <th>Batch No.</th> <th>Expiry Date</th> </tr> </thead> <tbody> <tr> <td>03.0007.01</td> <td>5010074</td> <td>30/06/2022</td> </tr> </tbody> </table> <p>Notes: Preparation Date was on 22/7/2021 (example)</p>	Item Code	Batch No.	Expiry Date	03.0007.01	5010074	30/06/2022
Item Code	Batch No.	Expiry Date												
01.2212.02	TE-653-1	04/11/2022												
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03.0007.01	5010074	30/06/2022												

Function Flow	Current Version 2.4	New Version 2.5																																												
	<p>3. Click on Worksheet(3) button to print Worksheet and click on Label (4) button to print label.</p>  <p>4. In the Worksheet, Expiry Date product follow Shelf Life expiry date (5) 21/8/2021, which is 1 month from 21/7/2021. If Raw Material expiry date are shortest, it will still display the expiry date from Shelf Life.</p> <p style="text-align: center;">GALENICAL WORKSHEET (DRAFT)</p> <p style="text-align: center;">MINISTRY OF HEALTH HOSPITAL KUALA LUMPUR</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Request Date : 22/07/2021</td> <td colspan="2">Worksheet ID : 21-07-0002</td> </tr> <tr> <td colspan="4">Item Description : Hydrogen Peroxide 5 volume (1.5%) Mouthwash</td> </tr> <tr> <td colspan="2">Request Qty : 1000 ml</td> <td colspan="2">Qty Prepared (SKU) : 0 ml</td> </tr> <tr> <td colspan="2">Pack Size : 1000 ml</td> <td colspan="2">Qty Prepared (PKU) : 0 bott</td> </tr> <tr> <td colspan="2">Shelf Life : 1 Months</td> <td colspan="2">Batch No : PS00-210722-13</td> </tr> <tr> <td colspan="2">Preparation Type : Non Sterile External</td> <td colspan="2">Expiry Date : 21/08/2021</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Ingredients</th> <th>Vol. per Qty.</th> <th>Total Volume</th> <th>Expiry Date</th> <th>Batch ID</th> <th>Allocated Qty</th> </tr> </thead> <tbody> <tr> <td>Liquid Hydrogen Peroxide 130 Volume BP</td> <td>38.4 ml</td> <td>38.4 ml</td> <td>04/11/2022</td> <td>TE-653-1</td> <td>39 ml</td> </tr> <tr> <td>Water (by volume) (QS)</td> <td>1000 ml</td> <td>1000 ml</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>Procedure :</p> <ol style="list-style-type: none"> 1 Measure required amount of hydrogen peroxide 130vol accurately 2 Mix with sufficient amount of water and stir 3 Adjust to volume with water 4 Package and label appropriately <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 60%;">Storage : Room Temperature (< 25 C), Protect from Light</td> <td>Label :</td> </tr> </table>	Request Date : 22/07/2021		Worksheet ID : 21-07-0002		Item Description : Hydrogen Peroxide 5 volume (1.5%) Mouthwash				Request Qty : 1000 ml		Qty Prepared (SKU) : 0 ml		Pack Size : 1000 ml		Qty Prepared (PKU) : 0 bott		Shelf Life : 1 Months		Batch No : PS00-210722-13		Preparation Type : Non Sterile External		Expiry Date : 21/08/2021		Ingredients	Vol. per Qty.	Total Volume	Expiry Date	Batch ID	Allocated Qty	Liquid Hydrogen Peroxide 130 Volume BP	38.4 ml	38.4 ml	04/11/2022	TE-653-1	39 ml	Water (by volume) (QS)	1000 ml	1000 ml	-	-	-	Storage : Room Temperature (< 25 C), Protect from Light	Label :	 <p>3. Click on Worksheet(3) button to print Worksheet and click on Label (4) button to print label.</p>  <p>4. In the Worksheet, Expiry Date product will be updated with the shortest expiry date. From this sample, the Expiry Date = 29/07/2021 (5) (7 days from preparation date (22/7/2021)). Expiry Date for raw material still remain</p>
Request Date : 22/07/2021		Worksheet ID : 21-07-0002																																												
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Function Flow	Current Version 2.4	New Version 2.5																																
	<p>Notes: In this version Worksheet, packaging display as 'Pack Size'.</p> <p>5. Click on Label and choose label size then click on Label button in this popup.</p>  <p>6. Work Order label will be printed and show the Expiry Date for final product (6) which are same as in worksheet, which is 21/08/2021.</p>  <p>7. Confirm(7) the Work Order and then click on Record Completion(8) button.</p>	<p>as original expiry date.</p> <p style="text-align: center;">GALENICAL WORKSHEET (DRAFT)</p> <p style="text-align: center;">MINISTRY OF HEALTH Hospital Seri Manjung</p> <table border="1" style="width: 100%;"> <tr> <td>Request Date : 21/07/2021</td> <td>Worksheet ID : 21-07-0110</td> </tr> <tr> <td>Item Description : Atropine 0.01% Eye drop</td> <td>Request Qty : 10 bott</td> </tr> <tr> <td>Packaging Description : bottle</td> <td>Qty Prepared (SKU) : 0 bott</td> </tr> <tr> <td>Shelf Life : 7 Days</td> <td>Qty Prepared (PKU) : 0 bott</td> </tr> <tr> <td>Preparation Type : Sterile -</td> <td>Batch No : PS00-210721-155</td> </tr> <tr> <td></td> <td>Expiry Date : 29/07/2021</td> </tr> </table> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Ingredients</th> <th>Vol. per Qty.</th> <th>Total Volume</th> <th>Expiry Date</th> <th>Batch ID</th> <th>Allocated Qty</th> </tr> </thead> <tbody> <tr> <td>Atropine Sulphate 1mg/1ml Inj</td> <td>0.1 ml</td> <td>1 ml</td> <td>30/06/2022</td> <td>5010074</td> <td>1 amp</td> </tr> <tr> <td>Water for Injection 10 ml (qs)</td> <td>1 ml</td> <td>10 ml</td> <td>20/09/2025</td> <td>NA0C0011 1</td> <td>1 amp</td> </tr> </tbody> </table> <p>Procedure :</p> <ol style="list-style-type: none"> 1 Withdraw 1ml of Atropine 1mg/ml injection. 2 Draw Water for Injection into the same syringe until 10ml total volume is achieved. 3 Mix the solution until homogenous. 4 Transfer the solution into a sterilised eye drop bottle through 0.2um injection filter. 5 Cap the bottle, seal and label appropriately <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td>Storage : Refrigerate (2 - 8 °C)</td> <td>Label :</td> </tr> </table> <p>Notes: Notice that in new Worksheet, Pack Size label has been changed to 'Packaging Description'.</p> <p>5. Click on Label and choose label size then click on Label button in this popup.</p> 	Request Date : 21/07/2021	Worksheet ID : 21-07-0110	Item Description : Atropine 0.01% Eye drop	Request Qty : 10 bott	Packaging Description : bottle	Qty Prepared (SKU) : 0 bott	Shelf Life : 7 Days	Qty Prepared (PKU) : 0 bott	Preparation Type : Sterile -	Batch No : PS00-210721-155		Expiry Date : 29/07/2021	Ingredients	Vol. per Qty.	Total Volume	Expiry Date	Batch ID	Allocated Qty	Atropine Sulphate 1mg/1ml Inj	0.1 ml	1 ml	30/06/2022	5010074	1 amp	Water for Injection 10 ml (qs)	1 ml	10 ml	20/09/2025	NA0C0011 1	1 amp	Storage : Refrigerate (2 - 8 °C)	Label :
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Function Flow	Current Version 2.4	New Version 2.5
	<p>7 </p> <p>New</p> <p>21-07-0002 Formulation Version 1</p> <p>8 </p> <p>8. Once record complete, status Work Order change to In Progress. Expiry Date (9) for final product will show the same expiry date as in worksheet, which is 21/08/2021.</p>  <p>Quantity Produced (SKU) 1,000 ml</p> <p>Quantity Produced (PKU) 0.2 bott</p> <p>Batch No. PS00-210722-13</p> <p>Expiry Date 21/08/2021 9</p>	<p>6. Work Order label will be printed and show the Expiry Date for final product which take the shortest expiry date (6), which is 29/07/2021.</p>  <p>7. Confirm(7) the Work Order and then click on Record Completion(8) button.</p>   <p>8. Once record complete, status Work Order change to In Progress. Expiry Date for final product (9) will also show the shortest expiry date, which is on 29/07/2021.</p>

Function Flow	Current Version 2.4	New Version 2.5

Function Flow	Current Version 2.4	New Version 2.5
<p>2. Add Cancel button for Work Order with status New</p>	<p>1. Add new Work Order for Galenical. 2. User not able to see a any button called 'Cancel Order' but able to see 'Delete' button (1).</p>  <p>In this version, user cannot do Cancel Order for work order.</p>	<p>1. Add new Work Order for Galenical. 2. User able to see new button called 'Cancel Order' and 'Delete' button has been removed.</p>  <p>3. Click on this button, an alert message shall appear as below.</p>  <p>4. On click of Yes (2), the created Work Order will be cancelled and status updated to 'Cancelled' (3).</p>

Function Flow	Current Version 2.4	New Version 2.5																																										
		<div data-bbox="1256 272 2114 571"> <p>Request Status 3 Cancelled</p> <p>Work Order No 21-07-0000 Formulation Version 3</p> <p>Formulation Reference</p> <p>Worksheet Prepared By System PHIS</p> <p>Remarks NOTE: Avoid contact with skin as potassium permanganate will cause discolouration.</p> <p>Request Date 15/07/2021</p> <p>Request Reference</p> </div> <p data-bbox="1205 624 2181 692">5. User able to find back this record in Work Order in listing page by searching on Status=Cancelled (4). However, this record is for viewing purpose only.</p> <div data-bbox="1211 692 2181 922"> <p>GALENGICAL WORK ORDER LIST</p> <p>Formulary Drug Name Request Date From Work Order No</p> <p>Formulary Item Request Date To Status 4 Cancelled</p> <table border="1"> <thead> <tr> <th>Work Order No</th> <th>Formulary Drug Code</th> <th>Item Code</th> <th>Item Description</th> <th>Order Quantity</th> <th>UCOM</th> <th>Request Date</th> <th>Requester</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>21-07-0060</td> <td>GLN0200041</td> <td>GLN0200041-120</td> <td>Potassium Permanganate 0.1% Soln</td> <td>1000</td> <td>ml</td> <td>15/07/2021</td> <td>System PHIS</td> <td>Cancelled</td> </tr> <tr> <td>21-06-0014</td> <td>GLN0200034</td> <td>GLN0200034-120</td> <td>Sodium Bicarbonate Mouthwash</td> <td>100</td> <td>ml</td> <td>23/06/2021</td> <td>System PHIS</td> <td>Cancelled</td> </tr> </tbody> </table> </div> <div data-bbox="1211 962 2181 1278"> <p>WORK ORDER</p> <p>Unit Code PS001 Type Manufacturing</p> <p>Formulary Drug Name Potassium Permanganate 0.1% Solution</p> <p>Item Description Potassium Permanganate 0.1% Soln</p> <p>Item Packaging Description bott of 120 ml</p> <p>Request Quantity (SKU) 1000 ml</p> <p>Pack Size 1000 ml</p> <p>Request Quantity (PKU) 8.33 bott</p> <p>Preparation Type Non Sterile External</p> <p>Shelf Life Room Temperature (+ 25 °C) 1 Months</p> <p>Storage Condition Protect from Light</p> <p>Request Status Cancelled</p> <p>Work Order No 21-07-0060 Formulation Version 3</p> <p>Worksheet Prepared By System PHIS</p> <p>Remarks NOTE: Avoid contact with skin as potassium permanganate will cause discolouration.</p> <p>Request Date 15/07/2021</p> <table border="1"> <thead> <tr> <th>Sequence No</th> <th>Item Code</th> <th>Description</th> <th>Required Quantity</th> <th>Required Quantity (SKU)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RAV00089.01</td> <td>Potassium Permanganate Crystal</td> <td>1 g</td> <td>1 g</td> </tr> <tr> <td>2</td> <td>MZ29000002.00</td> <td>Water (by volume) (QS)</td> <td>1000 ml</td> <td></td> </tr> </tbody> </table> </div>	Work Order No	Formulary Drug Code	Item Code	Item Description	Order Quantity	UCOM	Request Date	Requester	Status	21-07-0060	GLN0200041	GLN0200041-120	Potassium Permanganate 0.1% Soln	1000	ml	15/07/2021	System PHIS	Cancelled	21-06-0014	GLN0200034	GLN0200034-120	Sodium Bicarbonate Mouthwash	100	ml	23/06/2021	System PHIS	Cancelled	Sequence No	Item Code	Description	Required Quantity	Required Quantity (SKU)	1	RAV00089.01	Potassium Permanganate Crystal	1 g	1 g	2	MZ29000002.00	Water (by volume) (QS)	1000 ml	
Work Order No	Formulary Drug Code	Item Code	Item Description	Order Quantity	UCOM	Request Date	Requester	Status																																				
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2	MZ29000002.00	Water (by volume) (QS)	1000 ml																																									

Function Flow	Current Version 2.4	New Version 2.5
		<p>6. For 'In Progress' status, user also able to Cancel Order.</p>  <p>Notes:</p> <ol style="list-style-type: none"> a. Stock will be discard automatically if status=Quarantine, then user click on Reject button b. If user Cancel Order of the Work Order: <ol style="list-style-type: none"> i. Status=New, user click on Cancel Order, stock will be include back to inventory automatically ii. Status=In Progress, user click on Cancel Order, stock will be discard automatically