

URGENT MEDICAL DEVICE FIELD ACTION RECALL
ATTN LABORATORY: RECALL INFORMATION – ACTION REQUIRED

08/13/2018

«Ship_To_Customer_Address_1»

«Ship_To_Customer_Address_2»

«Ship_To_Customer_Address_3»

«Ship_To_Customer_Address_4»

URGENT: DELIVER TO MICRO LAB

| Product Number | Product Name | Lot Number | |
|----------------|--|------------|--------|
| R05152 | Thio med w/ dex, hem, vit k (7ml)100/pk | 258192 | |
| R064700 | Thio med w/o ind w/dex (9ml) 100/pk | 254751 | |
| | | 259508 | |
| | | 272498 | |
| R064702 | Thio med w/o ind, w/ dex (9ml) 20/pk | 274247 | |
| R064720 | Thio med w/ dex, hem, vit k (9ml)100/pk | 254749 | 272497 |
| | | 251145 | 272015 |
| | | 258183 | 258626 |
| | | 271479 | 258625 |
| R064730 | Thio med w/ dex, hem, vit k (5ml) 100/pk | 254755 | 272020 |
| | | 260509 | 258181 |
| | | 273564 | 258627 |
| | | 271476 | 258629 |
| | | 271665 | 259507 |
| | | 251146 | 272499 |
| R064732 | Thio med w/ dex, hemin, vit k (5ml)20/pk | 271667 | |
| | | 258182 | |
| R07176 | Thio med w/o ind w/dex (10ml) 100/pk | 259521 | |
| R07180 | Thio med w/ dex, hem, vit k(10ml) 100/pk | 259526 | 258906 |
| | | 258903 | |
| | | 258904 | |
| | | 258905 | |
| R07182 | Thio med w/ dex, hem, vit k (10mL) 20/pk | 258907 | 260413 |
| | | 258908 | 260519 |

REASON FOR FIELD ACTION:

Customers are to be advised of the following:

An internal technical investigation has confirmed that **the products and lot numbers list above**, have intermittently failed performance testing during stability studies with various anaerobic microorganisms.

RISK TO HEALTH:

Thio media is recommended for use in qualitative procedures as a general purpose media for the cultivation of aerobes and anaerobes.

We believe the risk is low based on the following rationale:

The immediate health consequence may be a delay in the recovery of anaerobic bacteria associated with an infectious process. The risk is mitigated by the empiric treatment for anaerobic infections prior to bacteria isolation in patients already suspected of having an anaerobic infection. This is mainly due to the longer incubation time for anaerobes, which can be up to several days. This empiric treatment reduces the probability that patients with suspected anaerobic infections are at greater risk of impaired clinical response.

Furthermore, no complaints nor reports of illnesses or injuries have been received.

ACTIONS TO BE TAKEN BY THE CUSTOMER:

Our records indicate that you have received the above products.

Please notify any personnel who need to be aware of the potential for failure of performance for this product. Accordingly, in keeping with our Quality Policy, we request that you inspect your stock and destroy any remaining inventory of the lots listed above and contact Customer Services or your local distributor regarding replacement. You should review results and laboratory reporting associated with use of the listed lots and consider retesting and/or seek appropriate expert advice for further action.

The US Food and Drug Administration (FDA) has been informed of this Field Action Recall.

Please return the attached Medical Device Recall Return Response form acknowledging receipt of the notice and disposal of the affected product to help with our FDA reporting obligation.

This notice needs to be passed on to all who need to be aware within your organization or to any organization where the potentially affected products have been transferred. If you have any questions, please contact our Technical Services Department at 800-255-6730 (US) or 913-888-0939 (International).

PRODUCT AND DISTRIBUTION INFORMATION:

| Product Name | Product Number | Lot Number | Distribution Date (MMDDYYYY) | Expiration Date (MMDDYYYY) | Distributed Total Quantity |
|---|----------------|------------|------------------------------|----------------------------|----------------------------|
| Thio med w/ dex, hem, vit k (7ml) 100/pk | R05152 | 258192 | 12/26/2017 to 02/14/2018 | 06/28/2018 | 48 |
| Thio med w/o ind w/dex (9ml) 100/pk | R064700 | 254751 | 12/18/2017 to 02/06/2018 | 08/27/2018 | 104 |
| | | 259508 | 01/02/2018 to 02/19/2018 | 09/04/2018 | 102 |
| | | 272498 | 01/30/2018 to 03/06/2018 | 10/04/2018 | 19 |
| Thio med w/o ind, w/ dex (9ml) 20/pk | R064702 | 274247 | 02/20/2018 to 06/07/2018 | 10/09/2018 | 150 |
| Thio med w/ dex, hem, vit k (9ml) 100/pk | R064720 | 254749 | 12/04/2017 to 12/13/2017 | 08/17/2018 | 94 |
| | | 251145 | 11/28/2017 to 12/04/2017 | 08/27/2018 | 77 |
| | | 258183 | 12/11/2017 to 01/15/2018 | 08/30/2018 | 98 |
| | | 271479 | 01/22/2018 to 02/13/2018 | 08/31/2018 | 53 |
| | | 272497 | 01/30/2018 to 02/19/2018 | 08/31/2018 | 39 |
| | | 272015 | 01/24/2018 to 02/19/2018 | 10/02/2018 | 42 |
| | | 258626 | 12/07/2017 | 10/03/2018 | 53 |
| | | 258625 | 12/11/2017 to 01/15/2018 | 10/04/2018 | 38 |
| Thio med w/ dex, hem, vit k (5ml) 100/pk | R064730 | 254755 | 12/14/2017 to 01/04/2018 | 08/17/2018 | 67 |
| | | 260509 | 12/12/2017 to 01/04/2018 | 08/27/2018 | 110 |
| | | 273564 | 01/24/2018 to 02/26/2018 | 08/30/2018 | 111 |
| | | 271476 | 01/10/2018 to 02/05/2018 | 08/31/2018 | 86 |
| | | 271665 | 01/18/2018 to 02/06/2018 | 08/31/2018 | 68 |
| | | 251146 | 11/27/2017 to 12/11/2017 | 08/31/2018 | 58 |
| | | 272020 | 01/09/2018 to 01/17/2018 | 08/31/2018 | 151 |
| | | 258181 | 12/11/2017 to 12/21/2017 | 09/04/2018 | 59 |
| | | 258627 | 12/11/2017 to 02/05/2018 | 09/04/2018 | 59 |
| | | 258629 | 12/07/2017 to 12/26/2017 | 09/06/2018 | 82 |
| | | 259507 | 12/12/2017 | 10/02/2018 | 75 |
| | | 272499 | 01/29/2018 to 02/19/2018 | 10/08/2018 | 85 |
| Thio med w/ dex, hemin, vit k (5ml) 20/pk | R064732 | 271667 | 01/12/2018 to 03/19/2018 | 08/30/2018 | 343 |
| | | 258182 | 12/11/2017 to 01/15/2018 | 10/02/2018 | 343 |
| Thio med w/o ind w/dex (10ml) 100/pk | R07176 | 259521 | 01/17/2018 to 02/21/2018 | 09/04/2018 | 9 |
| Thio med w/ dex, hem, vit k (10ml) 100/pk | R07180 | 259526 | 12/27/2017 to 02/20/2018 | 09/03/2018 | 146 |
| | | 258903 | 12/18/2017 to 01/29/2018 | 09/03/2018 | 22 |
| | | 258904 | 12/18/2017 to 01/17/2018 | 09/03/2018 | 23 |
| | | 258905 | 12/11/2017 to 01/03/2018 | 09/03/2018 | 21 |
| | | 258906 | 12/12/2017 to 01/10/2018 | 09/04/2018 | 22 |
| Thio med w/ dex, hem, vit k (10mL) 20/pk | R07182 | 258907 | 12/12/2017 to 03/12/2018 | 09/03/2018 | 106 |
| | | 258908 | 12/11/2017 to 04/03/2018 | 09/03/2018 | 122 |
| | | 260413 | 01/29/2018 to 04/03/2018 | 09/05/2018 | 43 |
| | | 260519 | 02/05/2018 to 02/27/2018 | 09/06/2018 | 34 |

TYPE OF ACTION TO BE TAKEN BY THE MANUFACTURER:

Investigation into the root cause is currently on-going. Corrective actions will be implemented upon completion of the investigation.

We appreciate your immediate attention to this field correction. We apologize for any inconvenience this may have caused and appreciate your understanding as we take action to ensure customer safety and satisfaction.

If you have any questions, please contact our Technical Services Department at 800.255.6730 (US) or 913.888.0939 (International).

Sincerely,



Gary Klaassen
Director Quality Assurance & Regulatory Affairs

MEDICAL DEVICE RECALL/FIELD SAFETY NOTICE RETURN RESPONSE
Acknowledgment Form
***Response Required**
CUSTOMER INFORMATION:
Account Number: «Ship_To_Account»

«Ship_To_Customer_Address_1»

«Ship_To_Customer_Address_2»

«Ship_To_Customer_Address_3»

«Ship_To_Customer_Address_4»

I have read and understand the attached customer letter and field action instructions: _____ (initials)

I understand that this applies to all inventory of the affected product that I have received: _____ (initials)

Has the recalled product caused and/or contributed to any deaths or serious injuries? _____ Yes _____ No

If yes, please explain:

AFFECTED PRODUCT REFERENCE NUMBER:
See below for products listed below that were impacted by this notice:

| Product Number | Lot Number | Units Received | Units Discarded |
|----------------|------------|----------------|-----------------|
| R05152 | 258192 | | |
| R064700 | 254751 | | |
| | 259508 | | |
| | 272498 | | |
| R064702 | 274247 | | |
| R064720 | 254749 | | |
| | 251145 | | |
| | 258183 | | |
| | 271479 | | |
| | 272497 | | |
| | 272015 | | |
| | 258626 | | |
| R064730 | 258625 | | |
| | 254755 | | |
| | 260509 | | |
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| | 272020 | | |
| | 258181 | | |
| | 258627 | | |
| | 258629 | | |
| | 259507 | | |
| | 272499 | | |
| R064732 | 271667 | | |
| | 258182 | | |
| R07176 | 259521 | | |
| R07180 | 259526 | | |
| | 258903 | | |
| | 258904 | | |
| | 258905 | | |
| R07182 | 258906 | | |
| | 258907 | | |
| | 258908 | | |
| | 260413 | | |
| | 260519 | | |

RESPONSE BELOW.

Use additional sheet(s) if necessary.

CUSTOMER INFORMATION:

Account Number: «Ship_To_Account»

«Ship_To_Customer_Address_1»

RESPONSE (please provide additional information, if applicable):

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PLEASE RETURN COMPLETED RESPONSE FORM TO THE FOLLOWING FAX NUMBER:

1.877.428.1924, ATTN: Technical Service & Regulatory Affairs. Replacement product will be issued upon completion and return of this form.

*The FDA evaluates recall effectiveness and may contact customers that do not respond to recall notices.

Signature of Receipt by Customer: _____

| | |
|-----------------------|--|
| Name/Title: | |
| Telephone: | |
| Email Address: | |