

DISPATCH NOTE

Please refer to Order Number 51815108 on all correspondence.

Order Number: 51815108 SO

Order Date: 08/27/2019

Purchase Order Number: 4500111467

Contract Number:

Life Technologies Corporation

5781 Van Allen Way
Carlsbad CA 92008
UNITED STATES
T 18009556288
F 18003312286
thermofisher.com

Account To: 135600

MEDIMMUNE
ACCOUNTS PAYABLE
PO BOX 15190
WILMINGTON
DE
19850
UNITED STATES

Dispatch To: 166316

MEDIMMUNE
4500111467
633 RESEARCH CT
FREDERICK
MD
21703
UNITED STATES

Order Placed By: Stephanie Sweigert
Phone Number:
Email Address: stephanie.sweigert@thermofisher.com

Dispatch Date: 20-JAN-20
Carrier:
Release Number:

Line Number	Catalog Number	Description / Size	Lot Number	Quantity Shipped
* 1	670081	DIFCO TC YEASTOLATE 100 UFST 10KG	2169923	16
The following items are backordered, they will be shipped separately.				
*	670081	DIFCO TC YEASTOLATE 100 UFST		
* For instant access to these product related documents(COA, TDS & MSDS\ please visit our website at http://www.thermofisher.com/support				

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This order comes in shipment Number 2070056540 which is consisting of 1 boxes and gross weight of 151.00 Kg.

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4500111467
633 RESEARCH CT
FREDERICK
MD
21703
UNITED STATES

Order Placed By: Stephanie Sweigert
Phone Number:
Email Address: stephanie.sweigert@thermofisher.com

Dispatch Date: 21-JAN-20
Carrier:
Release Number:

Line Number	Catalog Number	Description / Size	Lot Number	Quantity Shipped	
* 1	670081	DIFCO TC YEASTOLATE 100 UFST 10KG	2169923	36	
* For instant access to these product related documents(COA, TDS & MSDS) please visit our website at http://www.thermofisher.com/support					
 John Duke 22 Jan 20					

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This order comes in shipment Number 2070056633 which is consisting of 1 boxes and gross weight of 330.22 Kg.

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Certificate of Analysis

Difco™ TC Yeastolate UFST

Catalog Number: 670081

Lot Number: 2169923

Manufacturing Date: 2019-Nov-12

Expiration Date: 2023-Nov-11

TEST	SPECIFICATION	RESULT	UNITS
Appearance (2% Solution)	Pass	Pass	
Light to dark, yellow to tan, clear to slightly hazy with no significant precipitate.			
Beta Glucan	0 - 100	19	ug per gram
Bioburden Sp. 1	0 - 100	21	CFU/g
Bioburden Sp. 2	0 - 100	64	CFU/g
Bioburden Sp. 3	0 - 100	20	CFU/g
Bioburden Sp. 4	0 - 100	18	CFU/g
Bioburden Sp. 5	0 - 100	4	CFU/g
Bioburden Sp. 6	0 - 100	14	CFU/g
Bioburden Sp. 7	0 - 100	3	CFU/g
Bioburden Sp. 8	0 - 100	0	CFU/g
Bioburden Sp. 9	0 - 100	4	CFU/g
Dehydrated Appearance	Pass	Pass	
Beige, free-flowing, homogeneous fine powder.			
Endotoxin Beginning	0 - 500	5	EU/g
Endotoxin End	0 - 500	5	EU/g
Endotoxin Middle	0 - 500	5	EU/g
Loss on Drying	0.0 - 5.0	2.9	%
Mycoplasma	Pass	Pass	
None detected.			
pH at 25°C	5.4 - 7.2	6.9	
Solubility (2% solution)	Pass	Pass	
Soluble in distilled or deionized water.			

The Batch Number on this certificate is synonymous with Lot Number shown on the product label.

This product is animal free: There are no animal sourced ingredients used in the manufacture of this product. Advanced Bioprocessing is an ISO 9001:2015 registered facility. This product met Advanced Bioprocessing stringent quality standards at time of batch/lot release. Any test results reported on this certificate were obtained at time of release. This material is not for human or animal consumption.

Life Technologies Corporation
50 NW 176TH ST Miami, FL 33169-5043 US

Catalog Number: 670081

Lot Number: 2169923

Following Quality Control release, the COA is created and published for Catalog products at <http://www.thermofisher.com/coasearch>. Advanced Bioprocessing will notify customers of record for any changes to the COA.



Senior Quality Manager

Life Technologies Corporation
50 NW 176TH ST Miami, FL 33169-5043 US