Document Type

Raw Material Specification

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Yeast Extract Powder, UF, Custom-II

Doc ID RWMT001864 Status Effective Version

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2.0

AstraZeneca

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Approval Reason

Management Approval Quality Approval **Approver**

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Fitle: Yeast Extract Powder, UF, Custom-II

4 Approved Package Configuration

ERP No. Package Size		Unit of Measure	Packaging Description	
6002963	10	kg	Plastic container	
6002965	50	kg	Plastic container	

5 Material Inspection

Inspect the number of containers as per site SOP.

50FIL	
	50FIL

Parameter	Specification	Reference	Result (Pass/Fail)	
Supplier Number and Catalog Number	Supplier # 60006193 6002963: 670081 6002965: 670082	SAP	PASS	
Labeling	Each package labeled to indicate catalog number and lot number	Label Visual Inspection	PASS	
Supplier's Certificate	Required with supplier name, catalog number, lot number, and approval signature	Certificate	PASS	
	Container must be clean, intact and free of visible defects	Meets Specification	PASS	
Visual Inspection	6002963: 10 kg plastic container 6002965: 50 kg plastic container	Meets Specification	PASS	

Inspected by:	1= /yle
Date:	291AN 19

Effective Date: 2018/05/09 19:18:34

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Test **Test Result Parameter** Specification Method (Pass/Fail) # Bioburden QC-9535 N/A ≤ 100 CFU/g (@ 1g/100mL) Endotoxin QC-6310 ≤ 500 EU/q N/A (@ 1g/100mL)

¹ Apply test parameter to top, middle and bottom samples for part number 6002965.

Results Entered by	W/A MSN	108 Febrg	Date	N/A MSNOE
QA Disposition:	Release	☐ Reject	Other_	
QA Disposition by:	& Mary o	Sere Nearon	Pitan	
Date:	08 Jel 19	and and a		
Comments:	D Entry Error	QA MSN 083	leb 19	□ N/A

Version History

The following is included for reference only and is not part of the executable record.

Version Description

2.0

(1) Change: Added top, middle, bottom sampling instructions to the sampling plan and testing table. Reason: Change Control Rec 180977 Action Item: 181107. (2) Change: Update of material specification template per QC-040685. Reason: For clarity and consistency; administrative change. (3) Change: Removed previous records of version history. Reason: Required per QA-041038; administrative change. (4) Change: Revised packaging configuration from "poly" to "plastic." Reason: Per QC-040685; generic identifiers for packaging configuration should be used when possible. (5) Change: Revised the sampling plan for glucans to QC micro and clarified need for separate container. Removed statement "individual sample for glucan is not required when abbreviated testing is being performed." Reason: Glucan testing is performed by the microbiology group and the footnote is redundant to the testing table; administrative change.

^{*} Abbreviated test program requirements

[♦] Every container identity testing

[#] Microbiological test

[△] Identity test



Certificate of Analysis

Becton Dickinson and Company BD Biosciences Miami AF 50 NW 176TH ST Miami FL 33169-5043 US

Page: 1 of 2

Product Name : TC Yeastolate UFST 100 50 KG

Catalog Number : 670082 Manufacture Date: 2018/12/05

Batch Number : 8330558 Expiration Date : 2022/12/04

01. Dehydrated Appearance: Beige, free-flowing, homogeneous fine powder.

02. Solubility: 2% solution, soluble in distilled or deionized water.
03. 2% Solution Appearance: Light to dark, yellow to tan; clear to

slightly hazy with no significant precipitate.

04. There are no animal sourced ingredients or animal derived reagents used in the manufacture of this product.

05. Mycoplasma: None detected.

Characteristic	Unit	Value	Lower Limit	Upper Limit	
pH at 25°C :	6.8	6.8	3 5.4	7.2	
Loss on Drying	%	2.6	0.0	5.0	
Beta Glucan	uq/qr	12	0	100	
Endotoxin Beginnin	EU/g	6	0	500	
Endotoxin Middle	EU/g	6	0	500	
Endotoxin End	EU/g	6	0	500	
Microbial Content	CFU/g	7	0	100	
Microbial Content	CFU/g	11	0	100	
Microbial Content	CFU/g	3	0	100	
Microbial Content	CFU/g	8	0	100	
Microbial Content	CFU/q	15	0	100	
Microbial Content	CFU/q	13	0	100	
Microbial Content	CFU/g	16	0	100	
Microbial Content	CFU/g	13	0	100	
Microbial Content	CFU/g	21	0	100	

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

BD Biosciences Advanced Bioprocessing is an ISO 9001:2015
Registered facility. This product met BD Biosciences 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.
BD Biosciences Advanced Bioprocessing Certificates of Analysis
(COA) typically contain animal origin information when products are manufactured using materials of animal origin. This information may be contained in the animal source table and/or in one or more of the additional paragraphs found on the COA. Following Quality Control release, the COA is created and published at http://www.bd.com/regdocs. For each batch of finished product that contains animal origin raw materials, the COA shows the animal origin data from the individual lots of animal origin raw materials used, as provided by the raw

Creation Date: 2019/01/28 21:15:41