



NEWGEN BIOTECH

CERTIFICATE OF ANALYSIS

Product Name : Lactase			
Other Name : Beta Galactosidase 100,000		Country of Origin : China	
Source : <i>Aspergillus oryzae</i>		Manufacture Date : OCT. 09 2019	
Batch Number : LA19092804		Expiration Date : OCT. 08 2021	
Package : 25 kg/bucket		Quantity : 500kg	
PROTOCOL	SPECIFICATIONS	RESULTS	METHOD
PHYSICAL & CHEMICAL ANALYSIS			
Description	Off-white powder	Off-white	Visual
Odor & Taste	Characteristic odor and taste	Complies	Taste
Moisture	NMT 7%	4.83%	Moisture Analyzer
IDENTIFICATION			
Identifiable Activity	Positive for Lactase Activity	Complies	In-house
ACTIVITY			
Lactase activity	NLT 100,000 ALU/g	103,572	FCC VII
MICROBIOLOGICAL			
Total Bacteria Count	NMT 1,000 CFU/g	<100	FDA BAM Online Ch. 3
Coliform Bacteria (CFU/g)	NMT 30 CFU/g	<10	FDA BAM Online Ch. 4
Molds and Yeasts	NMT 100 CFU/g	<10	FDA BAM Online Ch. 2
E. coli	Absent	Not Detected	FDA BAM Online Ch. 4
Salmonella	Absent	Not Detected	FDA BAM Online Ch. 5
Staphylococcus aureus	Absent	Not Detected	FDA BAM Online Ch. 12
Pseudomonas aeruginosa	Absent	Not Detected	AOAC
HEAVY METALS			
Lead	NMT 3 ppm	0.10 ppm	USP <231>
Mercury	NMT 0.1 ppm	<0.1 ppm	USP <231>
Cadmium	NMT 1 ppm	<1 ppm	USP <231>
Arsenic	NMT 1 ppm	0.15 ppm	USP <231>
Storage :	Store in cool and dry place protected from light, keep barrel close when not in use.		
Conclusion :	Conforms to FCC Standards.		
Shelf Life :	Shelf life under prescribed storage conditions and air-tight packing will be 2 years.		
<i>The product COMPLIES with the above specifications.</i>			
			Approved by Authorized Signatory

*The above information is a direct translation of the information provided to Newgen Biotech from the manufacturer of this product. This Certificate of Analysis should be used for informational purposes and is not intended as a substitute for strict quality control analysis by the purchaser of this product.

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