

# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Lactose, Monohydrate	
Product Code: CH008	Expiry Date : 23/02/2024
Lot Number: 01580216	Release Date: 23/02/2016
Analytical Report Number: QAD/AR-16/02-367	Page No : Page 1 of 2

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
CAS No.	63-42-3	63-42-3	Complies
Formula	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	Complies
Molecular weight	342.30 g/mol	342.30 g/mol	Complies
Appearance	white solid	white solid	Complies
Solubility	Soluble in water (21.6 g/100 ml)	Soluble in water (21.6 g/100 ml)	Complies
Clarity	solution is clear and colorless	solution is clear and colorless	Complies
Density	1.525 g/cm <sup>3</sup>	1.525 g/cm <sup>3</sup>	Complies
<b>Chemical Analysis</b>			
Copper (Cu)	<= 0.00001%	0.00001%	Complies
Insoluble matter	<= 0.003%	0.0027%	Complies
Iron (Fe)	<= 0.0001%	0.0001%	Complies
Nitrogen compounds (N)	<= 0.002%	0.0016%	Complies
Lead (Pb)	<= 0.0001%	0.0001	Complies
Reducing sugar (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	<= 0.01%	0.0096	Complies
Sulfate (SO <sub>4</sub> )	<= 0.002%	0.0019%	Complies
Sulphated ash	<= 0.005%	0.0044%	Complies
Loss on drying (at 100°C, 1 hr)	<= 0.05%	0.048%	Complies
Assay (GC/HPLC)	min. 99.50%	99.50%	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.  
Manufacture & Exporter

Culturing your needs in Microbiology...

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## Final Results: **COMPLIES**

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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