



Phone:224-659-6379
 Website: www.Advatechgroup.com

Certificate of Analysis **A-lactose monohydrate**

CAS No.	5989-81-1	Batch No.	B23LM04202
Synonyms	4-O-β-D-Galactopyranosyl-α-Dglucose	Packing Quantity	25 kg
MFG. Date	Apr. 20, 2023	Retest Date	Apr. 19, 2025
Part Number	L36256-1KG	RESULT	
Appearance	White, free-flowing powder	Conforms	
Identification *	TLC: The principal spot from the sample solution corresponds in appearance and RF value to that from stand solution A.	Conforms	
	IR	Conforms	
Acidity and alkanity *	Conforms with the requirement	Conforms	
Clarity and color of solution *	The absorbance divided by the path length, in cm, is NMT 0.04	Conforms	
Protein and light absorbing impurities *	The absorbance divided by the path length, in cm, is NMT 0.25 in the range of 210-220 nm and is NMT 0.07 in the range of 270 - 300 nm.	Conforms	
Loss on drying *	≤ 1.0%	0.30%	
Water *	4.5% - 5.5%	4.9%	
Residue on ignition *	≤ 0.1%	0.07%	
Specific rotation *	+ 54.4 ° to + 55.9 °	+ 55.6 °	
Particle size distribution *	< 45 μm: 45% - 75%	62%	
	< 100 μm: 90% - 100%	95%	
TAMC *	≤ 100 cfu/g	< 10 cfu/g	
TYMC *	≤ 50 cfu/g	< 10 cfu/g	
E.Coli *	ND	ND	
Conclusion	The product complies with the given specifications.		
Storage	Preserve in tight containers.		

QC: Approved Date:

May 10, 2023

Tyler Decker

Remarks:

* means data provided by supplier.

** Adva Tech warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service.

Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

Adva tech group Inc.

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