

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

## Specification Sheet

Product Name: **α-Lactose monohydrate**  
 Specifications & Purity: USP grade  
 SKU #: **L102282**

Parameter	Limit Values
Microbial contamination	0-100 (cfu/g)
Ignition Residue	0-0.1 (%)
Acidity(0.1 N NaOH)	0-0.4
Water by Karl Fischer	4.5-5.5 (%)
Loss on drying	0-0.5 (%)
Heavy metals	0-5 (ppm)
Appearance (L102282)	White to Off-White Powder or Crystals
Enterobacteriaceae	none detected
Escherichia Coli	none detected
Identification	pass
Particle size	Pass
Salmonella	none detected
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O+0.2ml6N NH <sub>3</sub> )	54.4-55.9 (°)
UV Absorbance 400nm,1%	0-0.04
UV Absorbance 300nm,1%	0-0.07
UV Absorbance 270nm,1%	0-0.07
UV Absorbance 220nm,1%	0-0.25
UV Absorbance 210nm,1%	0-0.25
solution (colorless clear liquid,1g/10ml boiling water)	Pass

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.