

Certificate of Analysis

Date of Testing: 2023-05-08 16:36:19
Date of Next Testing: 2027-05-07 16:36:19
Product Name: **Lactosum , anhydrous**
CAS Number: 63-42-3
Specifications & Purity: Ph Eur,USP,NF,JP
Lot #: D2328256
SKU #: **L103493**
Analysis: **220318**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	2.00 ppm
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	1.96 ppm
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	54.4-59.9 (°)	55.11 °
Ignition Residue (as sulfate)	0-0.03 (%)	0.02 %
Water by Karl Fischer	0-1 (%)	0.37 %
Appearance (L103493)	white powder	White powder
Dextrose	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager