

Certificate of Analysis

Date of Testing: 2025-01-09 11:52:44

Date of Next Testing: 2029-01-08 11:52:44

Product Name: **Lactosum , anhydrous**

CAS Number: 63-42-3

Specifications & Purity: PharmPure™, USP, JP, Ph.Eur., NF

Lot #: D2101116

SKU # **L103493**

Version **0**

Analysis #: **459888**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	2.30 ppm
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	2.11 ppm
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	54.4-59.9 (°)	59.08 °
Ignition Residue (as sulfate)	0-0.03 (%)	0.01 %
Water by Karl Fischer	0-1 (%)	0.12 %
Appearance (L103493)	white powder	White powder
Dextrose	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager