

Certificate of Analysis

Date of Testing: 2024-08-07 11:43:18
Date of Next Testing: 2028-08-06 11:43:18
Product Name: **Lactulose**
CAS Number: 4618-18-2
Specifications & Purity: $\geq 98\%$
Lot #: G2424060
SKU #: **L104550**
Version: **0**
Analysis #: **085600**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62700 %
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})$	-53--45 (°)	-49.44°
Appearance (L104550)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager