

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-14 10:38:29
Date of Next Testing: 2026-10-04 10:38:29
Product Name: **D-Galactal**
CAS Number: 21193-75-9
Specifications & Purity: $\geq 95\%$
Lot #: G1521029
SKU #: **G107885**
Version: **0**
Analysis #: **419158**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	99-103 (°C)	100.59800 °C
Purity(HPLC)	95-100 (%)	95.78000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-24--20 (°)	-22.20°
Appearance (G107885)	white to light yellow-red powder crystals	white to light yellow-red powder crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager