

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-18 09:41:21

Date of Next Testing: 2030-08-17 09:41:21

Product Name: **D-Tagatose**

CAS Number: 87-81-0

Grades & Purity: $\geq 99\%$

Lot #: J2228446

SKU #: **D115339**

Version: **2**

Analysis #: **753633**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	130-135 (°C)	134.90000 °C
Loss on drying	0-1 (%)	0.81000 %
Purity(HPLC)	99-100 (%)	99.62000 %
Sulfate Ash	0-0.1 (%)	0.07500 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-7--5 (°)	-6.46000 °
Appearance (D115339)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager