

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-12 08:28:03

Date of Next Testing: 2029-07-11 08:28:03

Product Name: **2-Deoxy-D-galactose**

CAS Number: 1949-89-9

Specifications & Purity: $\geq 98\%$

Lot #: G2507386

SKU #: **D107896**

Version: **1**

Analysis #: **518012**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.63800 %
Melting point	106-114 (°C)	113.68000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O in 5h})$	55-62 (°)	60.89°
Appearance (D107896)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager