

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-27 13:38:06

Date of Next Testing: 2029-06-26 13:38:06

Product Name: **δ-Valerolactone (DVL)**

CAS Number: 542-28-9

Specifications & Purity: ≥98%

Lot #: F2519653

SKU #: **V100560**

Version: **1**

Analysis #: **516921**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.456-1.458	1.45770
Density (20°C)	1.108-1.112	1.10880
Purity(GC)	98-100 (%)	99.37200 %
Appearance (V100560)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager