

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-10 14:03:40

Date of Next Testing: 2028-05-09 14:03:40

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

CAS Number: 542-28-9

Specifications & Purity: ≥98%

Lot #: D2428577

SKU #: **V100560**

Version: **1**

Analysis #: **331085**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.84000 %
Refractive index n ₂₀ /D	1.456-1.458	1.45700
Density (20°C)	1.108-1.112	1.11100
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (V100560)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager