

Certificate of Analysis

Date of Testing: 2023-05-10 16:38:46

Date of Next Testing: 2027-05-09 16:38:46

Product Name: **DL-Valinol**

CAS Number: 16369-05-4

Specifications & Purity: >98.0%(GC)

Lot #: D23261071

SKU #: **S160983**

Analysis: **109933**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.453-1.457	1.45
Purity(GC)	98-100 (%)	98.13 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S160983)	Colorless to light yellow liquid or Solid	colorless to light yellow liquid or solid

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

John Su
QA & QC Manager