

Certificate of Analysis

Date of Testing: 2024-07-12 14:19:36

Date of Next Testing: 2028-07-11 14:19:36

Product Name: **D-Valinol**

CAS Number: 4276-09-9

Specifications & Purity: 98%

Lot #: G2402573

SKU #: **V118431**

Version: **1**

Analysis #: **345155**

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

Parameter	Limit Values	Result
Melting point	32-36 (°C)	33.21000 °C
Purity(GC)	98-100 (%)	98.48 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in EtOH})$	-19--16 (°)	-16.09 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (V118431)	white to yellow solid,colorless to yellow liquid	white to yellow solid,colorless to yellow liquid



John Su
QA & QC Manager