

Certificate of Analysis

Date of Testing: 2024-08-24 09:52:37

Date of Next Testing: 2028-08-23 09:52:37

Product Name: **DL-Panthenol**

CAS Number: 16485-10-2

Specifications & Purity: 99%

Lot #: H2409381

SKU #: **P117668**

Version: **1**

Analysis #: **367102**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	-0.05-0.05 (°)	0.05 °
Purity(HPLC area)	99-100 (%)	99.31 %
Melting point	64-70 (°C)	64.01000 °C
Appearance (P117668)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager