

Certificate of Analysis

Date of Testing: 2023-03-07 15:01:33

Date of Next Testing: 2027-03-06 15:01:33

Product Name: (S)-(-)- α,α -Diphenyl-2-pyrrolidinemethanol

CAS Number: 112068-01-6

Specifications & Purity: $\geq 99.0\%$

Lot #: G1515067

SKU #: D128575

Analysis: 194971

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in CHCL}_3)}$	-69--65 (°)	-67.20°
Optical purity(HPLC)(ee)	99-100 (%)	99.69%
Melting point	76-80 (°C)	78.80000 °C
Purity(HPLC)	99-100 (%)	99.69000 %
Appearance (D128575)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager