

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-08 10:09:26

Date of Next Testing: 2027-12-07 10:09:26

Product Name: **(1R,2R)-(+)-1,2-Diphenylethylenediamine**

CAS Number: 35132-20-8

Specifications & Purity: $\geq 99\%$

Lot #: L2301394

SKU #: **R115655**

Version: **1**

Analysis #: **296123**

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

Parameter	Limit Values	Result
Enantiometric Excess	99-100 (%)	99.00000 %
Purity(HPLC)	99-100 (%)	99.89000 %
Specific Rotation $[\alpha]_{20/D}(c=1.1 \text{ in MeOH})$	102-106 (°)	104.23000 °
Melting point	81-84 (°C)	82.56000 °C
Appearance (R115655)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager