

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-08 10:08:11
 Date of Next Testing: 2029-01-07 10:08:11
 Product Name: **(1R,2R)-(+)-1,2-Diphenylethylenediamine**
 CAS Number: 35132-20-8
 Specifications & Purity: $\geq 99\%$
 Lot #: F1213034
 SKU #: **R115655**
 Version: **1**
 Analysis #: **458711**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Enantiometric Excess	99-100 (%)	99.01800 %
Specific Rotation $[\alpha]_{20/D}(c=1.1 \text{ in MeOH})$	102-106 (°)	103.12100 °
Melting point	81-84 (°C)	82.11800 °C
Purity(HPLC)	99-100 (%)	99.12100 %
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