

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-06 16:06:18
 Date of Next Testing: 2027-02-05 16:06:18
 Product Name: **(1R,2R)-(+)-1,2-Diphenylethylenediamine**
 CAS Number: 35132-20-8
 Specifications & Purity: $\geq 99\%$
 Lot #: B2303967
 SKU #: **R115655**
 Version: **1**
 Analysis #: **021149**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Enantiometric Excess	99-100 (%)	99.98000 %
Specific Rotation $[\alpha]_{20/D}(c=1.1 \text{ in MeOH})$	102-106 (°)	102.98100 °
Melting point	81-84 (°C)	82.59000 °C
Purity(HPLC)	99-100 (%)	99.01000 %
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