

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-21 11:05:24

Date of Next Testing: 2026-11-21 11:05:24

Product Name: (R)-(-)-N-(2,3-Epoxypropyl)phthalimide

CAS Number: 181140-34-1

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: K2420056

SKU #: N134329

Version: 0

Analysis #: 439384

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.8-65.5 (%)	65.10000 %
Nitrogen by Elemental Analysis	6.8-7.4 (%)	6.80000 %
Purity(GC)	98-100 (%)	98.20000 %
Specific Rotation $[\alpha]_{20/D}(c=2.2 \text{ in CHCL}_3)$	-13--7 (°)	-10.80000 °
Melting point	99-103 (°C)	102.20000 °C
Appearance (N134329)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager