

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-09 15:57:23

Date of Next Testing: 2026-10-08 15:57:23

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

CAS Number: 161596-47-0

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

Lot #: I2227188

SKU # E130034

Version 0

Analysis #: 118368

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.52000 %
Specific Rotation $[\alpha]_{20/D}(c=2.2 \text{ in CHCL}_3)$	7-13 ($^{\circ}$)	11.23100 $^{\circ}$
Melting point	100-104 ($^{\circ}\text{C}$)	101.60000 $^{\circ}\text{C}$
Appearance (E130034)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager