

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-28 09:40:19
 Date of Next Testing: 2026-09-27 09:40:19
 Product Name: (S)-(-)-2,6-Diamino-4,5,6,7-tetrahydrobenzothiazole
 CAS Number: 106092-09-5
 Specifications & Purity: $\geq 98\%$
 Lot #: I2217202
 SKU #: D124073
 Version: 0
 Analysis #: 102544
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.57000 %
Melting point	227-231 (°C)	230.56000 °C
Purity(GC)	98-100 (%)	99.07100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-98--94 (°)	-94.21000 °
Appearance (D124073)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager