

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-24 17:13:20
 Date of Next Testing: 2026-04-23 17:13:20
 Product Name: (5S)-(-)-2,2,3-Trimethyl-5-benzyl-4-imidazolidinone monohydrochloride
 CAS Number: 278173-23-2
 Specifications & Purity: $\geq 97\%$, $\geq 98\%$ (ee)
 Lot #: D2315280
 SKU #: S469022
 Version: 1
 Analysis #: 194721
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.52400 %
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	103.49000 %
Optical purity(ee)	98-100 (%)	100.00000 %
Appearance(S469022)	White to Almost white to Tan Powder, Crystals or Crystalline Powder and/or Chunks	White to Almost white to Tan Powder, Crystals or Crystalline Powder and/or Chunks
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager