

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-23 17:42:27
 Date of Next Testing: 2028-06-22 17:42:27
 Product Name: (S)-1-[3,5-Bis(trifluoromethyl)phenyl]-3-[1-(dimethylamino)-3-methylbutan-2-yl]thiourea
 CAS Number: 1048692-50-7
 Specifications & Purity: $\geq 96\%$, $\geq 99\%$ (ee)
 Lot #: F2507004
 SKU #: S281662
 Version: 1
 Analysis #: 194741
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.20000 %
Purity(HPLC)	96-100 (%)	96.09600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-30.4--24.5 (°)	-26.01600 °
Appearance(S281662)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager