

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-08 16:43:21

Date of Next Testing: 2026-06-07 16:43:21

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 #: E23301106

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 $[\alpha]_{20/D}(c=1 \text{ in } \text{CHCl}_3)$	-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