

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-17 14:19:49
 Date of Next Testing: 2027-02-16 14:19:49
 Product Name: 4-[(4-methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride
 CAS Number: 106261-49-8
 Specifications & Purity: ≥98%(HPLC)
 Lot #: B2310935
 SKU #: M129135
 Version: 0
 Analysis #: 158525
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.36500 %
Purity(HPLC)	98-100 (%)	99.38300 %
Appearance (M129135)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager