

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 16:07:10

Date of Next Testing: 2027-09-20 16:07:10

Product Name: **Mexiletine HCl**

CAS Number: 5370-01-4

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: I2518828

SKU # **M129606**

Version **0**

Analysis #: **376533**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	59.7-62.8 (%)	60.90 %
Purity(HPLC)	98-100 (%)	98.93300 %
Melting point	200-205 (°C)	201.30000 °C
Nitrogen by Elemental Analysis	6.1-6.8 (%)	6.40 %
Appearance (M129606)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Light Yellow,Clear 50 mg/mL	pass	Pass



John Su
QA & QC Manager