

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-18 13:22:53

Date of Next Testing: 2027-12-17 13:22:53

Product Name: **(S)-Mephenytoin**

CAS Number: 70989-04-7

Specifications & Purity: $\geq 98\%$

Lot #: L2307508

SKU #: **M335343****Analysis: 297435**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.31300 %
specific rotation (C = 0.5 in Ethanol at 20 °C)	$\geq 102 (^{\circ})$	102.36600
Appearance(M335343)	White to off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager