

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-06 17:34:42
Date of Next Testing: 2028-09-05 17:34:42
Product Name: **(S)-Mephenytoin**
CAS Number: 70989-04-7
Specifications & Purity: $\geq 98\%$
Lot #: I2403488
SKU #: **M335343**
Version: **1**
Analysis #: **403703**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.27300 %
specific rotation (C = 0.5 in Ethanol at 20 °C)	$\geq 102 (^{\circ})$	153.71500 °
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