

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-06 17:31:15  
Date of Next Testing: 2028-09-05 17:31:15  
Product Name: **(S)-Mephenytoin**  
CAS Number: 70989-04-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2403482  
SKU #: **M335343**  
Version: **1**  
Analysis #: **403703**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

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