

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 10:49:32
Date of Next Testing: 2026-12-08 10:49:32
Product Name: **(S)-Mephenytoin**
CAS Number: 70989-04-7
Specifications & Purity: $\geq 98\%$
Lot #: L2205041
SKU #: **M335343**
Analysis: 141095
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Purity(HPLC) | 98-100 (%) | 98.85500 % |
| specific rotation (C = 0.5 in Ethanol at 20 °C) | $\geq 102 (^{\circ})$ | 125.02900 |
| 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