

## Certificate of Analysis

Date of Testing: 2022-12-09 10:36:12  
Date of Next Testing: 2026-12-08 10:36:12  
Product Name: **(S)-Mephenytoin**  
CAS Number: 70989-04-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2205036  
SKU #: **M335343**  
**Analysis: 141095**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

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



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QA & QC Manager