

Certificate of Analysis

Date of Testing: 2023-04-06 16:18:50
Date of Next Testing: 2027-04-05 16:18:50
Product Name: **(S)-Mephenytoin**
CAS Number: 70989-04-7
Specifications & Purity: $\geq 98\%$
Lot #: C23241128
SKU #: **M335343**
Analysis: 189897
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Purity(HPLC) | 98-100 (%) | 98.18800 % |
| specific rotation (C = 0.5 in Ethanol at 20 °C) | $\geq 102 (^{\circ})$ | 206.25800 |
| 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