

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-14 13:48:58

Date of Next Testing: 2025-07-13 13:48:58

Product Name: **Phenytoin**

CAS Number: 57-41-0

Specifications & Purity:  $\geq 99\%$ 

Lot #: G2310431

SKU #: **P129535****Analysis: 173605**Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.48100 %
Carbon by Elemental Analysis	69.6-73.2 (%)	71.73 %
Nitrogen by Elemental Analysis	10.8-11.4 (%)	11.26 %
Appearance (P129535)	White to Almost white to pale cream powder to crystal	White to Almost white to Pale cream powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Colorless	pass	Pass
Clear(20 mg/ml)		

John Su  
QA & QC Manager