

Certificate of Analysis

Date of Testing: 2023-07-14 14:17:58

Date of Next Testing: 2025-07-13 14:17:58

Product Name: **Phenytoin**

CAS Number: 57-41-0

Specifications & Purity: $\geq 99\%$

Lot #: G2310451

SKU #: **P129535**

Analysis: **173605**

Storage Temperature: Store at -20°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 Clear(20 mg/ml)	pass	Pass



John Su
QA & QC Manager