

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-18 09:21:33

Date of Next Testing: 2027-07-18 09:21:33

Product Name: **Phenytoin**

CAS Number: 57-41-0

Specifications & Purity: Moligand™, ≥99%

Lot #: G2509053

SKU #: **P129535**

Version: **1**

Analysis #: **373039**

Storage Temperature: Store at -20°C

| Parameter                                         | Limit Values                                          | Result                                                |
|---------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Carbon by Elemental Analysis                      | 69.6-73.2 (%)                                         | 71.38 %                                               |
| Nitrogen by Elemental Analysis                    | 10.8-11.4 (%)                                         | 11.09 %                                               |
| Purity(HPLC)                                      | 99-100 (%)                                            | 99.50100 %                                            |
| 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                                                  |



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QA & QC Manager