

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-19 10:23:56
Date of Next Testing: 2028-03-18 10:23:56
Product Name: **5 , 5-Dimethylhydantoin(DMH)**
CAS Number: 77-71-4
Specifications & Purity: ≥98%
Lot #: I2209155
SKU # **D137034**
Version **0**
Analysis #: **670229**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|---|---|---|
| Carbon by Elemental Analysis | 45.2-48.5 (%) | 46.50000 % |
| Purity(HPLC) | 98-100 (%) | 99.90000 % |
| Nitrogen by Elemental Analysis | 21.1-22.6 (%) | 22.10000 % |
| Melting point | 175-178 (°C) | 177.12000 °C |
| Appearance (D137034) | White Crystals, Powder or Crystalline Solid | White Crystals, Powder or Crystalline Solid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless Clear,100mg/ml(10%) | pass | Pass |



John Su
QA & QC Manager