

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-14 15:52:21
 Date of Next Testing: 2027-11-14 15:52:21
 Product Name: **5 , 5-Dimethylhydantoin(DMH)**
 CAS Number: 77-71-4
 Specifications & Purity: $\geq 98\%$
 Lot #: K2506342
 SKU #: **D137034**
 Version: **0**
 Analysis #: **388184**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85000 %
Melting point	175-178 (°C)	176.10000 °C
Carbon by Elemental Analysis	45.2-48.5 (%)	46.90000 %
Nitrogen by Elemental Analysis	21.1-22.6 (%)	21.80000 %
Appearance (D137034)	White Crystals, Powder or Crystalline Solid	White Crystals, Powder or Crystalline Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless	pass	Pass
Clear,100mg/ml(10%)		



John Su
QA & QC Manager