

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-09 11:21:01

Date of Next Testing: 2025-10-08 11:21:01

Product Name: **5 , 5-Dimethylhydantoin(DMH)**

CAS Number: 77-71-4

Specifications & Purity: $\geq 98\%$

Lot #: L2116115

SKU # **D137034**

Version **0**

Analysis #: **282741**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.2-48.5 (%)	46.85000 %
Purity(HPLC)	98-100 (%)	99.31600 %
Nitrogen by Elemental Analysis	21.1-22.6 (%)	22.30000 %
Melting point	175-178 (°C)	176.30000 °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 H ₂ O , Colorless	pass	Pass
Clear,100mg/ml(10%)		



John Su
QA & QC Manager