

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 13:55:53
 Date of Next Testing: 2027-11-13 13:55:53
 Product Name: **5 , 5-Dimethylhydantoin**
 CAS Number: 77-71-4
 Specifications & Purity: $\geq 98\%$
 Lot #: I1807101
 SKU # **D137034**
 Version **0**
 Analysis #: **603550**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.2-48.5 (%)	46.67 %
Purity(HPLC)	98-100 (%)	98.44000 %
Nitrogen by Elemental Analysis	21.1-22.6 (%)	21.35 %
Melting point	175-178 (°C)	176.05100 °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