

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-07-21 09:46:11
Date of Next Testing: 2027-07-21 09:46:11
Product Name: 5, 5-Dimethylhydantoin(DMH)
CAS Number: 77-71-4
Specifications & Purity: ≥98%
Lot #: L2116155
SKU #: D137034
Version: 0
Analysis #: 543537
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	45.2-48.5 (%)	46.68500 %
Purity(HPLC)	98-100 (%)	99.13160 %
Nitrogen by Elemental Analysis	21.1-22.6 (%)	22.23000 %
Melting point	175-178 (°C)	176.23000 °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%)		

