

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

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: $\geq 98\%$
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 H ₂ O , Colorless	pass	Pass
Clear,100mg/ml(10%)		

