

PRODUCT IDENTITY

PRODUCT NAME	5 , 5-Dimethylhydantoin(DMH)	PRODUCT NUMBER	D137034
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	77-71-4	FORMULA	C ₅ H ₈ N ₂ O ₂
FORMULA WEIGHT	128.13g/mol		

ACCEPTANCE CRITERIA

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