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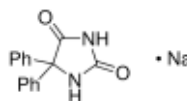
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
5,5-Diphenylhydantoin sodium salt - ≥99%

Product Number: D4505
CAS Number: 630-93-3
MDL: MFCD00069674
Formula: C15H11N2NaO2
Formula Weight: 274.25 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
at 1 g plus 5 ml of H ₂ O plus 15 ml of 0.1 M NaOH	
Infrared spectrum	Conforms to Structure
Carbon	64.7 - 66.7 %
Nitrogen	9.9 - 10.5 %
Purity (TLC)	≥ 99 %
Sodium (Na)	8.0 - 8.8 %
Recommended Retest Period	-----
3 years	

Specification: PRD.1.ZQ5.10000016520

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.