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Specification Sheet

Product Name: **1,7-Dimethylxanthine**
Specifications & Purity: **≥97%**
SKU #: **P137297**

Parameter	Limit Values
Lambda max	267-271 (nm)
Purity(HPLC)	97-100 (%)
UV (EmM at Lambda max)	9-11
Carbon by Elemental Analysis(anhydrous)	46.2-47.2 (%)
Nitrogen by Elemental Analysis	30.8-31.4 (%)
Appearance (P137297)	White to white with yellow cast powder
Proton NMR spectrum	Conforms to Structure
Solubility in 1N NH ₄ OH , Colorless to Faint Yellow,Clear,49.00 - 51.00mg/ml	pass
UV (Solvent 0.1M Phosphate Buffer PH 6)	Conforms

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