

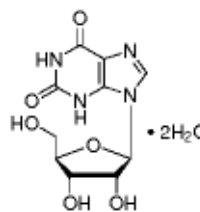
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Product Specification

Product Name:
Xanthosine dihydrate - ≥99%

Product Number: X0750
CAS Number: 5968-90-1
MDL: MFCD00005726
Formula: C₁₀H₁₂N₄O₆ · 2H₂O
Formula Weight: 320.26 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, 1M NH ₄ OH	
% Water	9 - 14
EmM	9.2 - 9.9
Wavelength	277 - 278 nm
Purity (TLC)	≥ 99 %
Carbon (anhydrous)	41.8 - 43.0 %
Nitrogen (anhydrous)	19.5 - 20.3 %

Specification: PRD.0.ZQ5.10000032573

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.