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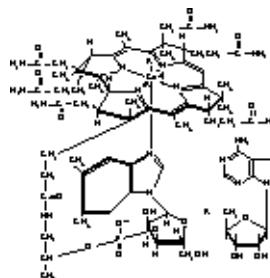
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Coenzyme B12 - ≥97.0%

Product Number: C0884
CAS Number: 13870-90-1
MDL: MFCD00135609
Formula: C72H100CoN18O17P
Formula Weight: 1,579.58 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	Red to Very Dark Red and Very Dark Red-Brown
Appearance (Form)	Powder to Chunks
Solubility (Color)	Light Red to Very Dark Red
Solubility (Turbidity)	Clear
20 mg/mL, H ₂ O	
Water (by Karl Fischer)	≤ 11.5 %
Purity	≥ 97.0 %
Carbon (anhydrous)	53.1 - 56.4 %
Nitrogen (anhydrous)	15.5 - 16.5 %
EmM Anhydrous	33.7 - 35.8
at lambda maximum 259 nm to 261 nm in H ₂ O	

Specification: PRD.0.ZQ5.10000022231

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.