

Certificate of Analysis

Product Name : Oxytocin acetate salt hydrate ≥97% (HPLC)
Product Number : O6379-5MG
Batch Number : MKM5821
CAS Number : 50-56-6 (free base)
MDL Number : MFCD00133730
Storage Temperature : -20°C
Molecular Formula : C₄₃H₆₆N₁₂O₁₂S₂
Formula Weight : 1007.19 g/mol
Quality Release Date : 21 Jan 2025

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 10 mg/ml, H ₂ O	Clear	Clear
Water (by Karl Fischer)	≤ 10.0 %	3.3 %
Acetate	2.6 - 7.2 %	6.6 %
Peptide Content	≥ 75 %	86 %
Purity (HPLC)	≥ 97 %	97 %
Note	-----	-----
Formula and formula weight are for free base.		



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Re-tester:

化验员: 刘子选
Analyst: