

Certificate of Analysis

Product Name:	3-Isobutyl-1-methylxanthine
Product Number:	I70005
Lot Number:	C26PE209B
CAS:	28822-58-4
Formula:	C ₁₀ H ₁₄ N ₄ O ₂
Molecular Weight:	222.24
Storage at:	-20℃
Quality Release Date:	2026-07-29
Recommended retested date:	2031-07-28

Test	Specification	Result
Appearance	White flocculent Powder	White flocculent Powder
Solubility (50mg/1ml in Warm methanola)	Faintly yellow Clear	Faintly yellow Clear
Wavelength(1)(UV)	275 - 276 NM	276 NM
Purity (HPLC)	≥99%	99.906%
¹ H-NMR(DMSO- d ₆)	Conforms to Structure	Conforms



Q.A. Manager:

