



Specification

Hypoxanthine, Monosodium Salt

CAS Number: 45738-97-4
Molecular Formula: C₅H₃N₄O.Na
Molecular Weight: 158.09
Storage: 15°C - 30°C

Test	Specification
Appearance:	White to Off White Crystalline Powder
Assay (Titration, dried basis):	≥ 97.0 %
Identification (IR):	Conforms to Structure
Loss on Drying (110 oC):	≤ 3.0 %
pH (0.5% Solution):	9.0 - 10.5
Solubility (0.5% in H ₂ O):	Clear and Complete Soluble
Spectral Constant (A ₂₅₀ /A ₂₆₀ , pH 11.0):	0.672 - 1.008
Spectral Constant (A ₂₈₀ /A ₂₆₀ , pH 11.0):	0.096 - 0.144
Spectral Constant (Epsilon Max x 10E3, pH 11.0):	10.656 - 11.544
Spectral Constant (Lambda Max, pH 11.0):	257 - 261 nm

Approved:

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