

Product: Hypoxanthine, Monosodium Salt
Catalog Number: 31750

Formula: $C_5H_3N_4ONa$
Formula Weight: 158.11

SPECIFICATION

<u>Test</u>	<u>Specification</u>
Appearance	white to off white crystalline powder
Assay	NLT 97.0%
Identification (by IR)	matches reference standard
Loss On Drying (110°C)	NMT 5.0%
pH (0.5% solution in H ₂ O)	9.0 to 10.5
Solubility (0.5% solution in H ₂ O)	clear and complete
Spectral Constants:	
pH	11.0
λ_{max}	257nm to 261nm
ϵ_{max}	10.656×10^3 to 11.544×10^3
A_{250}/A_{260}	0.672 to 1.008
A_{280}/A_{260}	0.096 to 0.144
Heavy Metals	NMT 10ppm
 <u>Additional Information</u>	
Storage Conditions	15°C to 30°C