

Product: Hypoxanthine
(6-Hydroxypurine)
Catalog Number: 31500

Formula: C₅H₄N₄O
Formula Weight: 136.11
CAS Number: 68-94-0

SPECIFICATION

| <u>Test</u> | <u>Specification</u> |
|---|------------------------------------|
| Appearance | white crystalline powder |
| Assay | NLT 97.0% |
| Loss On Drying (110°C) | NMT 1.0% |
| Residue After Ignition | NMT 0.2% |
| State Of Solution (1% solution in 1.0 N NaOH, 430nm) Transmittance | NLT 95% |
| Spectral Constants: | |
| pH | 11.0 |
| λ _{max} | 257nm to 261nm |
| ε _{max} | (10.75 to 11.45) x 10 ³ |
| A ₂₅₀ /A ₂₆₀ | 0.81 to 0.87 |
| A ₂₈₀ /A ₂₆₀ | 0.09 to 0.15 |
| Heavy Metals | NMT 10ppm |
| <u>Additional Information</u> | |
| Storage Conditions | 15°C to 30°C |