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## Specification Sheet

Product Name: **Xanthine**  
Specifications & Purity: **≥99.5%(HPLC)**  
SKU #: **X104265**

### Parameter

Nitrogen by Elemental Analysis  
Water by Karl Fischer  
Carbon by Elemental Analysis(anhydrous)  
EmM Anhydrous  
Purity(HPLC)  
Appearance (X104265)  
Infrared spectrum  
Solubility,colorless to faint yellow,clear(50mg/ml,1M NaOH)  
Wave Length,277 - 278 nm

### Limit Values

36.3-37.4 (%)  
0-2 (%)  
38.9-40.1 (%)  
8.7-9.4  
99.5-100 (%)  
White or light yellow powder  
Conforms to Structure  
pass  
Pass

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