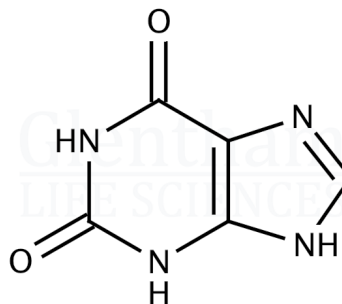


## Certificate of Analysis

Product Name Xanthine  
Glentham Code GK1029  
CAS Number 69-89-6  
EINECS 200-718-6  
MDL-Nummer MFCD00078453  
PubChem SID 310281759  
Zusätzliche CAS 1196-43-6 (·Na)  
Batch Number 015NAE

Molecular Weight 152.11  
Molecular Formula  $C_5H_4N_4O_2$   
Storage Temp. +20°C



| Property                   | Specification                                                    | Batch 015NAE                |
|----------------------------|------------------------------------------------------------------|-----------------------------|
| Physical Description       | White to pale yellow powder                                      | Pale yellow powder          |
| Solubility (5% in 1M NaOH) | Clear to very faintly turbid, colourless to pale yellow solution | Clear, pale yellow solution |
| Loss on Drying             | ≤ 1.0%                                                           | 0.5%                        |
| Assay                      | 98.0 - 102.0 %                                                   | 99.5%                       |

Specification Version v1.2  
Manufacture Date 2024-05-02  
Re-Test Date 2031-05-21

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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