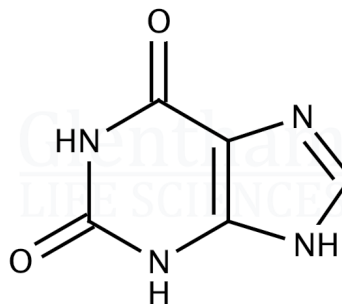


## Product Specification

|                |                         |
|----------------|-------------------------|
| Product Name   | Xanthine                |
| Glentham Code  | GK1029                  |
| CAS Number     | 69-89-6                 |
| EINECS         | 200-718-6               |
| MDL Number     | MFCD00078453            |
| PubChem SID    | 310281759               |
| Additional CAS | 1196-43-6 ( $\cdot$ Na) |

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



| Property                   | Specification  |
|----------------------------|--|
| Physical Description       | White to pale yellow powder                                      |
| Solubility (5% in 1M NaOH) | Clear to very faintly turbid, colourless to pale yellow solution |
| Loss on Drying             | $\leq 1.0\%$   |
| Assay                      | 98.0 - 102.0 %   |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.2       |
| Date Created          | - 2019-06-03 |

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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