

Chem-Impex International, Inc.

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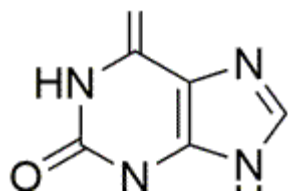
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	33051
Product	Xanthine 2,6-Dihydroxypurine 9H-Purine-2,6-diol
CAS Number	69-89-6
Molecular Formula	C ₅ H ₄ N ₄ O ₂
Molecular Weight	152.11

Appearance	Almost white to slightly yellowish powder
Solubility	Clear, colorless liquid (10% in NaOH)
Melting Point	> 300 °C
Heavy Metals	≤ 10 ppm
Water Content (Karl Fisher)	≤ 2%
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 1%
Sulfated Ash	≤ 0.1%
Purity by HPLC	≥ 98%
Grade	Suitable for cell culture
Storage	Store at 2 - 8 °C

For Laboratory Use Only