

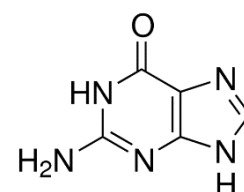


Product Specification

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GUANINE FOR BIOCHEMISTRY

PRODUCT CODE	042035
SYNONYMS	--
C.I. NO.	--
CASR NO.	(73-40-5)
ATOMIC OR MOLECULAR FORMULA	C₅H₅N₅O
ATOMIC OR MOLECULAR WEIGHT	151.13
PROPERTIES	Colourless rhombic crystals, insoluble in water.



PARAMETER	LIMIT
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Description	White crystalline powder.
Solubility	2% solution in dil. HCl is clear and colourless.
Minimum Assay (Non - aqueous; on dry material)	97.0%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	1.0%
Sulphated Ash	0.2%
Extinction Ratio :	
250/260 nm	1.38 + 0.04
280/260 nm	0.84 + 0.02
290/260 nm	0.49 + 0.04

Note(s) : Assay (if applicable) method mentioned.

2] Storage 0 – 8°C

WARNING

Hazard statements: Not hazardous. No hazards.

PRECAUTIONARY STATEMENTS

Prevention: -----

Response:

Disposal: --

Hazard Pictogram(s) :--

IMDG Code :--

UN No. :--

IATA :--