

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

Specification

Urea ACS/USP/EP/BP/JP

Catalog Number: UU1001 **CAS Number:** 57-13-6 **Molecular Formula:** CH₄N₂O **Molecular Weight:** 60.06

15°C - 30°C Storage:

Retest Period: Five years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	99.0% - 100.5%
Identification	To pass test
Insoluble Matter	≤ 0.01%
Melting Point	132.5 ^o C – 134.5 ^o C
Residue on Ignition/Ash (Sulfated)	≤ 0.01%
Chloride (CI)	≤ 5ppm
Sulphate (SO ₄)	≤ 0.001%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Alcohol Insoluble Matter	≤ 0.04%
Appearance (20% solution)	To pass test
Solubility (300mg/ml, H ₂ O)	Soluble in alcohol; Insoluble in methylene chloride
Alkalinity	To pass test
Biuret	≤ 0.1%
Ammonium (NH ₄)	≤ 0.05%
Moisture (LOD)	≤ 1.0%

Date: September 18, 2018

Approved:

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