

Item Number	U1016
Item	Urea, Ultrapure
CAS Number	57-13-6
Molecular Formula	CH <sub>4</sub> N <sub>2</sub> O
Molecular Weight	60.06
MDL Number	
Synonyms	Carbamide ; Carbonyl Diamide

Test	Specification	
	Min	Max
ASSAY (CH <sub>4</sub> N <sub>2</sub> O)	99.0 %	
MELTING POINT	132 - 135°C	
SOLUBILITY (5M, WATER)	TO PASS TEST	
BIURET TEST	TO PASS TEST	
ABSORBANCE OF A 5 M SOLUTION @ 280 NM		0.05
INSOLUBLE MATTER		0.01 %
CYANATE		0.002 %
CHLORIDE (Cl)		0.007 %
HEAVY METALS (as Pb)		0.001 %
IRON (Fe)		0.0001 %

***Spectrum Chemical Mfg Corp***

---

<b>Corporate Headquarters:</b>	<b>West Coast Facility:</b>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000