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## Specification Sheet

Product Name: **Urea**  
Specifications & Purity: for molecular biology,  $\geq 99.5\%$  (T)  
SKU #: **U111902**

Parameter	Limit Values
Iron(Fe)	0-5 (ppm)
Purity (T)	99-100.5 (%)
Copper(ICP)	0-1 (ppm)
Chloride Content	0-5 (ppm)
Appearance (U111902)	White Powder or Crystals
Infrared spectrum	Conforms to Structure
proteases	none detected
RNases	none detected
Solubility (Turbidity) (100 mg/mL, H <sub>2</sub> O) ,Clear Colorless	Pass
Lead(Pb)	0-2 (ppm)
Cyanate(OCN)	0-10 (ppm)
UV Absorbance 260nm(6 M solution)	$\leq 0.06$
UV Absorbance 280nm(6 M Solution)	$\leq 0.06$
NICKase,Endonuclease Detection	none Detected
DNase, Exonuclease Detection	None Detected

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