

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Urea**
Specifications & Purity: ACS, $\geq 99.5\%$ (T)
SKU # **U111898**

Parameter	Limit Values
Melting point	132-135 (°C)
Chloride (Cl ⁻)	0-5 (ppm)
Heavy metal (as Pb)	0-10 (ppm)
Insoluble matter in H ₂ O	0-0.01 (%)
Purity(HPLC)	99.5-100 (%)
Iron(Fe)	0-10 (ppm)
Ignition Residue (as sulfate)	0-0.01 (%)
Purity(Titration by HClO ₄)	99.5-100.5 (%)
Sulfate(SO ₄ ²⁻)	0-10 (ppm)
Appearance (U111898)	white powder or solid
Infrared spectrum	Conforms to Structure