

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Urea**  
Specifications & Purity: BioReagent,pH 7.5-9.5 (20 °C, 5 M in H2O)  
SKU #: **U755712**

Parameter	Limit Values
Appearance(U755712)	White powder or crystals or pellets
Assay	99-100.5 (%)
Infrared spectrum	Conforms to Structure
Solubility(20 °C,5M in H2O),Colorless Clear	Pass
PH(20 °C, 5 M in H2O)	7.5-9.5
Ammonia (NH4)	0-0.05 (%)
Chloride (Cl-)	0-0.05 (%)
Sulfate(SO4)	0-0.05 (%)
Aluminum(Al)	0-5 (ppm)
Phosphorus (P)	0-0.005 (%)
Lead ( Pb)	0-0.001 (%)
Iron(Fe)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Calcium(Ca)	0-0.001 (%)
Magnesium (Mg)	0-5 (ppm)
Sodium(Na)	0-0.005 (%)
Potassium(K)	0-0.005 (%)
Residue on ignition(Ash)	0-0.1 (%)
Insoluble matter	0-0.1 (%)
UV Absorbance 280nm(6 M Solution)	0-0.06
UV Absorbance 260nm(6 M solution)	0-0.06