



UREA (Automotive Grade)

SPECIFICATION DATA SHEET			
Test	Units	Specification	Typical
Nitrogen	%	≥46.0	46.4
Moisture	%	≤0.5	0.32
Alkalinity (as NH ₃)	%	≤0.02	0.008
Biuret	%	≤0.85	0.75
Aldehyde as HCHO	mg/kg	≤10	0.1
Free Ammonia	%	≤0.02	0.01
Insoluble Matter	mg/kg	≤15	0.1
Calcium (Ca)	mg/kg	≤0.5	0.33
Iron (Fe)	mg/kg	≤0.5	0.18
Aluminum (Al)	mg/kg	≤0.5	0.16
Copper (Cu)	mg/kg	≤0.2	0.05
Zinc (Zn)	mg/kg	≤0.2	0.01
Chromium (Cr)	mg/kg	≤0.2	0.02
Nickel (Ni)	mg/kg	≤0.2	0.06
Magnesium (Mg)	mg/kg	≤0.5	0.01
Sodium (Na)	mg/kg	≤0.5	0.15
Potassium (K)	mg/kg	≤0.5	0.06
Phosphate as PO ₄	mg/kg	≤0.5	0.2
pH (10% water solution)	-	9.0 – 10.0	9.6
Granular size Range 0.85 – 2.8 mm	%	≥90.0	99.3