



Urea

(NH₂)₂CO



Appearance	Solid, crystalline prills (granules) white/slightly colored
Total Nitrogen (N) in urea content	46.0% min
Purity	97% min
Biuret content	0.6 % max
Free ammonia	0.03% max
Moisture content – hygroscopic	0.3% max
Insolubles	0.1% max
pH, unit	from 8.0 to 13.0
Granulometric composition: - from 1-4 mm - 2-4 mm	94% min 50% min
Undesirable elements	
Fluorine	< 150 mg/kg
Lead	< 10 mg/kg
Cadmium	< 2 mg/kg
Arsenic	< 2 mg/kg
Mercury	< 0.1 mg/kg
Dioxins [sum of polychlorinated dibenzo-para- dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs)]	< 0.75 ng/kg
Sum of dioxins and dioxin-like PCBs (sum of polychlorinated dibenzo-para- dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and poly-chlorinated biphenyls (PCBs))	< 1 ng/kg
Non-dioxin-like PCBs (sum of PCB 28, PCB 52, PCB 101, PCB 138, PCB 153 and PCB 180 (ICES – 6))	< 10 mg/kg

Packaging and transportation:

Available in 25 and kg bags (palletized).
Transport and storage shall comply with the SDS specification.

System of Management Certified for Compliance
with ISO 9001, ISO 14001 and ISO 45001