



Granular UREA

Chemical Analysis

ELEMENT	unite	RESULT
Total Nitrogen N	W.T %	46.0 % Min
Biuret content	W.T %	1.0 % Max
Moisture , H2O5 (Fischer method)	W.T %	0.3 % MAX
Formaldehyde	W.T %	0.55 % Max
Free Ammonia	PPM	100 PPM Max
PH (100g/I at 20 ° C)		~ 9
Iron	Ppm	1.0 ppm max
Ash	ppm	20 ppm
Other heavy metals	PPM	NIL

Physical Analysis

ELEMENT	unite	RESULT
Color		Standard white or pure white
Odour		odorless
Particle size distribution	W.T %	2-4.5 mm 95 % min
Crushing strength (3.15 mm granule)	KG	3.0 kg min.
Bulk Density	Kg/m ³	760-800
Bolling		Decomposes before 132 °C
Melting point	°C	Around 132°C
Radiation	Certified fully non- radioactivity	
Quality	Free flowing, treated with anti- caking And free from harmful substances	

Method of Analysis is according AOAC (Analysis official analysis certificate) as per Thyssenkrupp (UHDE) INSTRUCTIONS