

Urea Prilled Commercial Grade (conditioned)

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Urea	%	98.7		
Total Nitrogen	wt. % N	46.0		
Biuret	wt. %		0.5	
Conditioner*	wt. %		1.76	
Moisture	wt. % H ₂ O		0.4	
Ash	ppm		20	
Color	APHA		10	
Free Ammonia	ppm NH ₃		150	
Iron	ppm Fe		2	
pH, 10%	@ 68°F	7	10	
Turbidity	ppm SiO ₂		10	

*Conditioner is **Urea, reaction products with formaldehyde (CAS# 68611-64-3)**, calculated as *Methylenediurea (MDU)*.

PHYSICAL ANALYSIS

Component	Units	Typical
Angle of Repose	degrees	27 - 28
Bulk Density (Loose)	lb/ft ³	44 - 48
	kg/m ³	705 - 769
SGN		180 - 220

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
<i>Passing through . . .</i>	-6	-6	3.35	100.0
<i>Retained on . . .</i>	+16	+18	1.00	95.0

Refer to a Safety Data Sheet for more information

Typical results are based on historical data records. Grab samples or individual car samples may fall outside of the typical range.

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The manufacturing representative for this product is the following subsidiary of Nutrien Ltd.:

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