

**Urea Granular
Agricultural Grade
46-0-0**

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	46.0		46.3
Biuret	wt. %			1.0
Conditioner*	wt. %			1.7
Moisture	wt. % H ₂ O			0.20
Free Ammonia	ppm NH ₃			30
pH, 10%	(w/w)			8.0

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

PHYSICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Angle of Repose	degrees			27
Bulk Density (Loose)	lb/ft ³			50
	kg/m ³			802
Color				White
Size Guide Number (SGN)		280	300	290
Uniformity Index				62

PARTICLE SIZE ANALYSIS

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
<i>Retained on . . .</i>	6	6	3.35	18.0
	7	7	2.80	55.0
	8	8	2.36	92.0
	9	10	2.00	99.0
	10	12	1.70	100.0
<i>Passing through . . .</i>	10	12	1.70	0.0

Refer to a Safety Data Sheet for more information

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