

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

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	46.0		46.3
Biuret	wt. %		1.3	0.90
Conditioner*	wt. %	1.2		1.8
Moisture	wt. % H ₂ O		0.30	0.15
Free Ammonia	ppm NH ₃			75
pH, 10%	(w/w)			8.8

*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			31 - 33
Bulk Density (Loose)	lb/ft ³			48
	kg/m ³			769
Color				White
Size Guide Number (SGN)		280	320	300
Uniformity Index				63

PARTICLE SIZE ANALYSIS

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	6	6	3.35	21.0
	7	7	2.80	68.0
	8	8	2.36	95.0
	9	10	2.00	99.0
	10	12	1.70	99.9
Passing through . . .	10	12	1.70	0.1

Refer to a Safety Data Sheet for more information

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