

**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 <sub>2</sub> O		0.30	0.15
Free Ammonia	ppm NH <sub>3</sub>			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 <sup>3</sup>			48
	kg/m <sup>3</sup>			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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