

Urea
46-0-0
Granular Fertilizer Grade

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Total Nitrogen	wt. % N	46.0	46.3
Biuret	wt. %	-	1.0*
Conditioner (Methylene Di-Urea)	wt. %	-	1.7
Moisture	wt. % H ₂ O	-	0.20
pH of Aqueous Solution	10% wt./wt.	-	8.0*
Free Ammonia	ppm NH ₃	-	30

PHYSICAL ANALYSIS

Parameter	Units	Range	Typical
Color	-	-	White
Angle of repose	degrees	-	27*
Bulk Density (Loose)	kg/m ³ - lb/ft ³	-	802/50*
Bulk Density (Tapped)	kg/m ³ - lb/ft ³	-	849/53*
Size Guide Number (SGN)	-	280 - 300	290
Uniformity Index	-	-	62

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	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
Passing through	10	12	1.70	0.0

**The typical value for this parameter of this product from this manufacturing site is preliminary and is based on a best estimate.*

Please obtain a Safety Data Sheet for more information.

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Product is manufactured by the following subsidiaries of Nutrien Ltd.:

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