

Urea
46-0-0
Granular Fertilizer Grade

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	46.0	-	46.4
Biuret	wt. %	-	1.30	1.0
Conditioner (Methylene Di-Urea)	wt. %	1.2	-	1.6
Moisture	wt. % H ₂ O	-	0.30	0.10
pH of Aqueous Solution	10% wt./wt.	-	-	8.0
Free Ammonia	ppm NH ₃	-	-	52

PHYSICAL ANALYSIS

Parameter	Units	Minimum	Maximum	Typical
Color	-	-	-	White
Angle of repose	degrees	-	-	30
Bulk Density (Loose)	kg/m ³ - lb/ft ³	-	-	805/50
Bulk Density (Tapped)	kg/m ³ - lb/ft ³	-	-	840/52
Size Guide Number (SGN)	-	280	320	300
Uniformity Index	-	-	-	70

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	6	6	3.35	10.0
	7	7	2.80	70.0
	8	8	2.36	97.0
	9	10	2.00	99.0
	10	12	1.70	100.0
Passing through	10	12	1.70	0.0

Please obtain a Safety Data Sheet for more information.

The information contained in this data sheet is a representation of average product values as tested on composite samples and should not be considered a guaranteed specification unless stated. Nutrien makes no representation, warranty or guarantee as to the accuracy, reliability, completeness or timeliness of the information. It is the user's responsibility to determine the completeness of such information and the suitability of the Product for the user's own particular use or purpose.

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

Agrium Canada Partnership, 13131 Lake Fraser Drive SE, Calgary, Alberta T2J 7E8; Phone: (403) 225-7000.

Agrium U.S. Inc., 5296 Harvest Lake Drive, Loveland, CO 80538; Phone: (970) 685-3600.