

**UREA
 Industrial Grade
 46-0-0**

Product Specifications



CHEMICAL ANALYSIS

	MIN	MAX	TYPICAL
TOTAL NITROGEN (wt. %N)	46.0		
BIURET (wt. %)		1.1	
CONDITIONER (wt. % as Methylene Di-Urea)			2.5
MOISTURE (wt. %H ₂ O)			0.18
pH of 10% wt./wt. AQUEOUS SOLUTION			8.0
FREE AMMONIA (ppm NH ₃)			75
IRON (ppm)			<0.1
ASH (ppm)			<30
COLOR (APHA Units; 10% wt. Methanol Solution)			25
TURBIDITY (NTU's) (50% wt./wt.)			4
AMMONIUMSALTS			No Trace

PHYSICAL ANALYSIS

COLOR		White
ANGLE OF REPOSE (Degrees)		27
BULK DENSITY (kg per m ³ /lbs per ft ³)		721/45
<ul style="list-style-type: none"> ● LOOSE 		802/50
<ul style="list-style-type: none"> ● TAPPED 		
SIZE GUIDE NUMBER (SGN)		260
UNIFORMITY INDEX		60

SCREEN ANALYSIS (% BY WEIGHT)

	<u>Tyler</u>	<u>Millimeters</u>				
	+ 6	3.35				3.0
	- 6	+ 7	2.80			26.0
	- 7	+ 8	2.36			49.0
	- 8	+ 9	2.00			17.0
	- 9	+10	1.70			3.0
	-10	+14	1.18			1.0
	-14					Trace

Please obtain a Material Safety Data Sheet for more information.

To the best of the Manufacturer's knowledge and belief the information contained herein is accurate and reliable as of the date compiled. However, the Manufacturer makes no representation, warranty or guarantee as to the information's accuracy, reliability, completeness or timeliness. It is the user's responsibility to determine the suitability and completeness of such information for the user's own particular use or purposes. The Manufacturer does not accept any liability for any loss or damage that may occur from any use of this information.

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

Agrium U.S. Inc., 4582 S. Ulster Street, Suite. 1700, Denver, Colorado 80237; Phone: (303) 804-4400.