

UREA SOLUTION, 50%

SCR/SNCR-GRADE

QUALITY CHARACTERISTICS*

PROPERTY	UNIT	LIMITS	
		MIN	MAX
Urea Content	% (mass fraction)	49.0	51.0
Refractive Index (nD20) at 68°F (20°C)	-	1.4104	1.4148
Alkalinity as NH ₃	% (mass fraction)	-	0.3
Biuret	% (mass fraction)	-	0.5
Aldehydes	mg/kg	-	7
Insoluble Matter	mg/kg	-	30
Phosphate	mg/kg	-	0.7
Aluminum	mg/kg	-	0.7
Calcium	mg/kg	-	0.7
Chromium	mg/kg	-	0.3
Copper	mg/kg	-	0.3
Iron	mg/kg	-	0.7
Potassium	mg/kg	-	0.7
Magnesium	mg/kg	-	0.7
Nickel	mg/kg	-	0.3
Sodium	mg/kg	-	0.7
Zinc	mg/kg	-	0.3
Density at 68°F (20°C)**	kg/m ³	1135.0	1145.0

* - Product meets the quality requirements in ISO 22241-1 when diluted to 32.5% with water that meets the requirements in ISO 3696.

** - Typical values only.

FOR ADDITIONAL INFORMATION, REFER TO THE PRODUCT SAFETY DATA SHEET ON KOCHFERTILIZER.COM.

REVISED:
1/1/2025

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