

## Urea Solution 32.5%

### Industrial Grade

**CHEMICAL ANALYSIS**

Component	Units	Minimum	Maximum	Typical
Urea	wt. %	31.8	33.2	
Alkalinity as NH <sub>3</sub>	wt. %		0.2	
Biuret	wt. %		0.3	
Aldehydes	mg/kg		5	
Insoluble Matter	mg/kg		20	
Phosphate	mg/kg PO <sub>4</sub>		0.5	
Aluminum	mg/kg Al		0.5	
Calcium	mg/kg Ca		0.5	
Chromium	mg/kg Cr		0.2	
Copper	mg/kg Cu		0.2	
Iron	mg/kg Fe		0.5	
Magnesium	mg/kg Mg		0.5	
Nickel	mg/kg Ni		0.2	
Potassium	mg/kg K		0.5	
Sodium	mg/kg Na		0.5	
Zinc	mg/kg Zn		0.2	

**PHYSICAL ANALYSIS**

Component	Units	Minimum	Maximum	Typical
Density	lb/US gal			9.07 – 9.12
(68°F / 20°C)	kg/m <sup>3</sup>			1087 - 1093
Refractive Index	@68°F / 20°C			1.381 - 1.384

**Refer to a Safety Data Sheet for more information**

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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