

Urea Solution 50% Industrial Grade

CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Urea	wt. %	48.5		48.8
Total Nitrogen	wt. % N	23.0		
Biuret	wt. %			0.5
Free Ammonia	ppm NH ₃			Trace
pH, 10%	(v/v)			8.5

PHYSICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Density (@68°F/20°C)	lb/US gal			9.52
	lb N/US gal			2.19
	US gal/100 lb N			45.66
	US gal/ton			210.1
Salt Out Temperature	°F/°C			52 / 11
Specific Gravity	@68°F/20°C			1.14
Vapor Pressure (@68°F/20°C)	mmHg			14

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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