



DAKOTA GASIFICATION COMPANY

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SPECIFICATION SHEET

Urea Liquor - DEF Quality

Parameter	UL-32.5	UL-50
Urea concentration, (+/- 0.7%)	32.5	50
Refractive Index	1.3814-1.3843	1.4104-1.4148
Free Ammonia (at loading), wt. % max	0.2	0.3
Biuret (at loading), wt. % max	0.3	0.5
Magnesium (Mg), ppm max	0.5	0.7
Calcium (Ca), ppm max	0.5	0.7
Phosphates (as PO ₄), ppm max	0.5	0.7
Iron (FE), ppm max	0.5	0.7
Formaldehyde, ppm max	5	7
Insoluble Matter, ppm max	20	30
Other Impurities/Specifications	Per ISO 22241	Per ISO 22241

Sales and Service

Sales personnel are available to help meet your needs with DGC fertilizers. Please contact DGCSales@bepc.com or call 701-223-0441 for assistance with sales and service.