



Chemifloc Ltd.

Chemical Manufacturers.

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Product Specification:

Chemblue – AUS32 (Automotive grade urea solution)

Parameter	Specification
Identity	Identical to Reference
Urea % w/w	31.8 – 33.2
Density @ 20°C	1.087 – 1.093
Refractive Index @ 20°C	1.3814 - 1.3843
Alkalinity as NH ₃ % w/w	< 0.2
Biuret % w/w	< 0.3
Insolubles	< 20.0 mg/kg
Aldehyde	< 5.0 mg/kg
Phosphate (PO ₄)	< 0.5 mg/kg
Aluminium	< 0.5 mg/kg
Calcium	< 0.5 mg/kg
Iron	< 0.5 mg/kg
Copper	< 0.2 mg/kg
Zinc	< 0.2 mg/kg
Chromium	< 0.2 mg/kg
Nickel	< 0.2 mg/kg
Magnesium	< 0.5 mg/kg
Sodium	< 0.5 mg/kg
Potassium	< 0.5 mg/kg

This Product conforms to ISO22241

Shelf Life (in accordance with ISO 22241-3)

Constant ambient storage temperature (°C)	Minimum shelf life (months)
≤10	36
≤25	18
≤30	12
≤35	6
≥35	Significant decomposition test before use