

TECHNICAL PRODUCT SPECIFICATION

Aqueous Urea Solution 32.5% M/M

Characteristics	Units	Specifications	Typical
Urea Content	% m/m	31.8 – 33.2	32.5
Density @ 20°C	g/cm ³	1.087 – 1.093	1.089
RI @ 20°C	--	1.3814 – 1.3843	1.3828
Alkalinity as NH ₃	% m/m	< 0.2	0.0002
Biuret	% m/m	< 0.3	0.15
Aldehyde	mg/kg	< 5	0.02
Insoluble Matter	mg/kg	< 20	< 1
Phosphate (PO ₄)	mg/kg	< 0.5	0.02
Calcium	mg/kg	< 0.5	< 0.2
Iron	mg/kg	< 0.5	< 0.1
Copper	mg/kg	< 0.2	< 0.1
Zinc	mg/kg	< 0.2	< 0.1
Chromium	mg/kg	< 0.2	< 0.1
Nickel	mg/kg	< 0.2	< 0.1
Aluminium	mg/kg	< 0.5	< 0.1
Magnesium	mg/kg	< 0.5	< 0.1
Sodium	mg/kg	< 0.5	< 0.2
Potassium	mg/kg	< 0.5	< 0.1