

## AQUEOUS UREA SOLUTION

Product specification	Monomark standard	
	AUS 40	AUS 20
1. Mass fraction of urea, %	39.5–40.5	19.5–20.5
2. Density at 20 °C, kg/m <sup>3</sup>	1108.0–1116.0	1052.0–1058.0
3. Refractive index at 20 °C	1.3937–1.3954	1.3630–1.3650
4. Alkalinity as mass fraction of NH <sub>3</sub> , %, max	0.3	0.15
5. Mass fraction of biuret, %, max	0.5	0.3
6. Mass concentration of aldehydes, mg/kg, max	6	4
7. Infusible particles, mg/kg, max	25	15
8. Mass concentration of phosphates, mg/kg, max	0.6	0.4
9. Mass concentration of aluminium, mg/kg, max	0.5	0.5
10. Mass concentration of calcium, mg/kg, max	0.5	0.5
11. Mass concentration of iron, mg/kg, max	0.5	0.5
12. Mass concentration of copper, mg/kg, max	0.3	0.1
13. Mass concentration of zinc, mg/kg, max	0.2	0.2
14. Mass concentration of chromium, mg/kg, max	0.3	0.2
15. Mass concentration of nickel, mg/kg, max	0.3	0.2
16. Mass concentration of magnesium, mg/kg, max	0.5	0.5
17. Mass concentration of sodium, mg/kg, max	0.5	0.5
18. Mass concentration of potassium, mg/kg, max	0.5	0.5