

## UREA SOLUTION

Product specification	Monomark standard
1. Mass fraction of urea, %	31.8 – 33.2
2. Density at 20 °C, kg/m <sup>3</sup>	1087 – 1093
3. Refractive index at 20 °C	1.3814 – 1.3843
4. Alkalinity as mass fraction of NH <sub>3</sub> , %, max	0.2
5. Mass fraction of biuret, %, max	0.3
6. Mass concentration of aldehydes, mg/kg, max	5
7. Infusible particles, mg/kg, max	20
8. Mass concentration of phosphates, mg/kg, max	0.5
9. Mass concentration of aluminium, mg/kg, max	0.5
10. Mass concentration of calcium, mg/kg, max	0.5
11. Mass concentration of iron, mg/kg, max	0.5
12. Mass concentration of copper, mg/kg, max	0.2
13. Mass concentration of zinc, mg/kg, max	0.2
14. Mass concentration of chromium, mg/kg, max	0.2
15. Mass concentration of nickel, mg/kg, max	0.2
16. Mass concentration of magnesium, mg/kg, max	0.5
17. Mass concentration of sodium, mg/kg, max	0.5
18. Mass concentration of potassium, mg/kg, max	0.5
19. Identity, YES/NO	YES
Pastaba. Aqueous urea solution meets ISO 22241-1 requirements.	