

DEMINERALISED WATER

Liquidia demineralised (deionised) water is high-purity water with mineral ions, salts and other contaminants — including calcium, magnesium, sodium, sulphate, nitrate and chloride — removed. Because these impurities cause scaling and can destabilise the systems water is added to, demineralised water protects equipment and keeps processes running reliably.

Typical uses

- Engine cooling systems & radiators
- Laboratory equipment
- Lead-acid battery top-up
- Autoclaves & sterilisers
- Steam irons
- Laser cutting

Two grades are available — Lab Grade and Standard — with the resulting specifications below.

LAB GRADE

PROPERTY	SPECIFICATION
Colour	Clear
Odour	None
Viscosity (#4 Ford Cup)	As water @ 25°C
pH	5.5 – 8.5
Specific Gravity	N/A
Refractive Index	N/A
TDS (total dissolved solids)	< 4.0 ppm
Conductivity	< 5.0 µS/cm

STANDARD

PROPERTY	SPECIFICATION
Colour	Clear
Odour	None
Viscosity (#4 Ford Cup)	As water @ 25°C
pH	5.5 – 8.5
Specific Gravity	N/A
Refractive Index	N/A
TDS (total dissolved solids)	< 15.0 ppm
Conductivity	< 20.0 µS/cm

Supplied in 5 L, 20 L and 200 L drums, 1,000 L IBCs and bulk. This document is a general product guide; a current Safety Data Sheet and batch details are available on request.