

Serving Science, Technology, Labs & Engineering Sectors Worldwide.

Custom-formulated purified water for scientific, technical and industrial use.

Watnation manufactures customer-defined formulations using precision-manufactured water grades and types to your specification, for applications where standardised grades are unsuitable. Purity, composition and packaging can be tailored to your operational and compliance requirements.

Ideal for applications where conductivity, pH, buffering capacity, antimicrobial treatment, sterility, particulate levels or packaging formats must be tightly controlled - including reagent systems, calibration and dilution protocols, microbiological or stability testing, production line integration and environmental simulation.

Formulations are manufactured under controlled conditions with full documentation of agreed parameters. Batch-specific Certificates of Analysis and full traceability are provided as standard.

Typical Customisation Options

- ◆ Conductivity ranges (e.g. 0.1 - 0.3 $\mu\text{S}/\text{cm}$)
- ◆ pH-adjusted purified water (e.g. pH 4.5 $\pm$ 0.2 pH units)
- ◆ Buffered solutions (e.g. phosphate, citrate)
- ◆ Antimicrobial additives (e.g. sodium azide, ethanol)
- ◆ Application specific cap solutions
- ◆ In volumes to meet your needs from 100ml to 27,000L
- ◆ Ultrafast Emergency Service Available
- ◆ Nitrogen & Ozone Flushing
- ◆ Gamma Irradiation
- ◆ Non-Standard container types to suit your requirements

Examples of Customised Solutions

Examples include Solarium Water (a very dilute hydrogen peroxide solution for the sunbed industry), controlled-hardness water for BSRIA NDT appliance testing, coolant and antifreeze products for high-specification heat exchangers, and Environment Agency research waters suitable for specific marine life prior to the introduction of test pollutants.

Packaging & Delivery

Custom formulations can be supplied in a wide range of container formats, with specialist packaging and courier solutions to suit client requirements. Just-in-time (JIT) supply can be arranged where stock holding is limited or freshness is a priority.

Technical Collaboration

Our formulation specialists work directly with clients to define specifications, acceptance criteria, test methods and packaging solutions tailored to each application. Where additional domain expertise is required, we draw on long-standing relationships with universities and industrial specialists.

Quality Control & Certification

All products are batch tested and externally certified by UKAS-accredited laboratories. Certificates of Analysis and full traceability are provided for every lot.

Talk to a formulation specialist

Let us help you define the right water specification for your application.

Email: sales@watnation-scientific.co.uk or **Telephone:** +44(0)1942 914 007



Call or email to discuss your ultrapure water requirements

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