

Available for Services

Ultrapure Water: Type I

Thermo Scientific

Model: GenPureXCAD



Chemical Engineering
Mahidol University

Ultrapure Water Type I is water that undergoes the highest level of purification, not only removing ions but also eliminating very small contaminants such as organic substances, microgram-level impurities, and microscopic particles. This ensures the highest possible purity, making it ideal for applications requiring extreme cleanliness and precision. For example, it is commonly used with instruments like HPLC, GCMS, or for preparing samples that demand high accuracy and precision. According to ASTM standards, water of Type I quality should be used immediately after it is produced. This is because exposure to air increases the level of impurities in the water and decreases its purity. Thus, it is essential to handle and store Type I water properly to maintain its high purity level.



Type I Water
Ultrapure Water
Used for highly sensitive procedures like HPLC, AAS and Mammalian Cell Culture

Service fees

Details	Students and staff within the university/ institute partners (MOU)	External personnel (government organization)	External personnel (private organization)
Ultrapure Water: Type I	60 THB/L	80 THB/L	100 THB/L

Contact Info



+66(0)2 889-2138 ext 6145

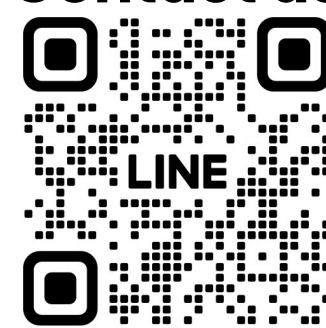


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