

Preparation Guide

Dissolution Media Concentrates

Dissolution Media Concentrates from Dissolution Accessories have been formulated to allow quick and easy dilution to a working solution. The label on each bottle indicates the volume of concentrate in the bottle and the volume to which it must be diluted to provide a final media solution that meets the applicable USP specifications.

The user-friendly format is designed so that each bottle is a single use unit. The instructions below illustrate just how easy it is to prepare the media. It is important to note that the buffer concentrates are tested to a significantly tighter specification than that indicated by the USP and are certified at ± 0.02 pH units. This specification has been applied to ensure that dilution variances such as source water, pH instrument or test method are minimised and that the final solution will meet the USP specification in all but the most exceptional cases.

Please note that this product may partially precipitate and it can be redissolved by heating to 30 - 40°C for at least 2 hours prior to dilution without effecting the final product quality.

1. Prepare a clean, dry mixing vessel of a suitable size, 6L, 10L or 25L.
2. Add purified water to approximately one third of the required volume i.e., 2L, 3L or 8L.
3. Carefully pour the entire contents of the bottle of concentrate into the vessel.
4. Rinse the bottle with purified water and add rinsings to the mixing vessel.
5. Add purified water to the required volume.
6. Mix thoroughly.
7. Measure the pH and proceed if within specification.
8. Adjust pH if necessary.