



<b>Version No:</b> 1 <b>Issue Date:</b> 11/03/2025 <b>Portfolio:</b> Discrete Water Quality	<b>Horizons Regional Council</b>	<b>Section No:</b> 15.4 <b>Appendix:</b> 05 <b>Page:</b> 1 of 1
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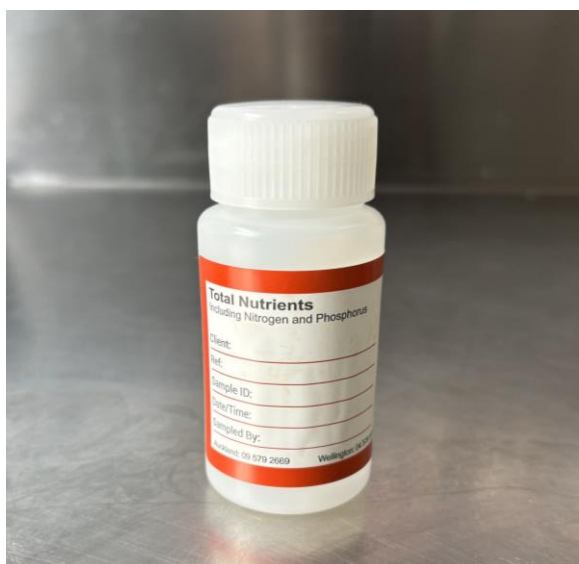
## Acidified Ammonia Bottles Prep

### OVERVIEW

Acidified ammonia sample bottles are used as part of the lakes monitoring programme. The bottles used are acidified on site rather than at the contracted lab like some of the other bottles used. This SOP details the process of acidifying ammonia bottles on site.

### PROCESS

#### STEP 1



In the lab, grab an unpreserved 'Total Nutrients' bottle/s.

*Note: It is easier to make these up in bulk when the lab is free rather than singularly when the lab is busy.*

#### STEP 2



Put a preserved ammonia sticker over top of the label.

*Note: The label says "Preserved with traces of Corrosive Hydrochloric Acid". However, this is not what it will be preserved with. Eurofins is aware of this.*

*Note: If we have run out of labels, ask Eurofins to send more.*

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### STEP 3



Eye protection, chemical gloves and a lab coat must be worn when dealing with acids. In the chemical & solution store in the lab is the chemical gloves, a pipette, and sulphuric acid.

Don the safety equipment and using the pipette, add **TWO drops of Sulphuric Acid** to the bottle.

Secure the lid. Store extra bottles in the chemical & solution store.