# Kofi Asante

Laboratory Technician

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## Profile

Laboratory technician with four years in an accredited environmental testing laboratory, after a Laboratory Technician Level 3 apprenticeship. Prepares samples and solutions, runs metals and nutrient analysis on drinking and waste water, and calibrates and maintains the instruments. Looking for a senior technician post and working towards Registered Science Technician.

## Experience

**Laboratory Technician**, **Don Valley Analytical, Sheffield** **2022–present**

- Prepare about 250 drinking water and waste water samples a week for metals and nutrient testing.
- Make up standards, reagents and calibration solutions, and log each batch for traceability.
- Run ICP-MS and discrete analyser batches, checking every run against its quality control samples.
- Calibrate, clean and maintain six instruments, and cut ICP-MS downtime from nine days to three a year by planning its servicing.
- Enter results in the laboratory information system and prepare the monthly turnaround and failure figures for the lab manager.
- Train new starters on the lab’s safety rules, COSHH assessments and waste disposal.

**Apprentice Laboratory Technician**, **Don Valley Analytical, Sheffield** **2020–2022**

- Rotated through sample reception, the metals lab and the microbiology lab, and passed the end-point assessment with distinction.

## Qualifications

**Laboratory Technician Level 3 Advanced Apprenticeship, distinction** **2022**

**A levels: Chemistry B, Biology B, Maths C**, **Hallamshire Sixth Form College, Sheffield** **202**

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## Skills

- Sample preparation and solutions
- ICP-MS and discrete analysers
- Calibration and instrument care
- Quality control and traceability
- Laboratory information systems and Excel
- COSHH and lab safety

## Additional information

Available for the lab’s weekend rota one Saturday in four.