



— CHERYL — FOX

*biochemist
laboratory analyst*

CONTACT

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EDUCATION

M.Sc. Biochemistry (Stellenbosch)
(CUM LAUDE)

“I am an energetic team player, with a strong work ethos and a keen eye for detail. I enjoy the challenge of problem-solving, and am not afraid to branch into lateral thinking for a solution. For me, work is not just a nine-to-five job; I love the world of science, and everything that has been and is being done in the advancement of science.”

EXPERIENCE & SKILLS

- Senior laboratory analyst
- SANAS technical signatory
- Molecular (DNA) analysis: DNA extraction, PCR & optimisation, species authentication
- Immunological analysis: ELISA (protein)

PROFILE

For Cheryl, the test objectives and composition/matrix of each sample are at the forefront at every stage of the testing procedure at the FACTS Laboratory - from sample receipt to sample report. She is a SANAS-accredited technical signatory, responsible for conducting tests for the detection of DNA and protein residues in food products. She is also responsible for ensuring compliance with and maintenance of the ISO/IEC 17025 accreditation standards in the laboratory.

During her studies at Stellenbosch University, Cheryl developed a genuine and long-standing interest in the life sciences and various areas of molecular biology. She is familiar with the principles of the structures and functions of biological macromolecules and their interactions. She obtained her M.Sc. degree cum laude in biochemistry, specialising in steroid hormones and the cytochrome P450 enzymes that are crucial to their biosynthesis.

An eye for the small things making up the bigger things has become a central component of her self-motivation in all the tasks she performs.

Cheryl is very family-oriented. She loves going on spontaneous outings, experiencing new things and spending time in the countryside - time usually spent revolving around her beautiful dogs! She keeps herself busy by reading, sketching, pottering in the garden and trying her hand at DIY. If something needs fixing, she'll find out how to do it!

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