



— HESTIE —  
TREDOUX  
*biochemist*

CONTACT

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EDUCATION

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

“I started my journey in science with no specific idea of which industry I wanted to enter. I quickly realised that the options are endless. Although I was interested in the food industry, I never thought I would have the privilege of working as a scientist in this industry. Every day there’s something new to learn, and new problems to solve. The FACTS team has a contagious passion for science and solving problems. This has allowed me to realise how amazing science can be when you re working as part of a team.”

EXPERIENCE & SKILLS

- Laboratory analyst
- Sample administrator
- Molecular (DNA) analysis: DNA extraction, PCR & optimisation, species authentication
- Immunological analysis: ELISA (protein)

PROFILE

Hestie is responsible for receiving and logging of samples and ensuring that each sample is handled correctly. She also prepares samples for testing, conducts tests for the detection of protein residues and assists in performing tests for the detection of DNA residues in food products.

Hestie obtained her M.Sc degree cum laude in biochemistry, with her focus being on immunology. During her studies her aim was to develop a DNA vaccine against mycoplasma infections in ostriches. Her project also entailed the expression of a component of Immunoglobulin A and purification of this protein.

When Hestie is not in the lab she enjoys spending time with family and friends, dancing, and baking. She also loves spending time in nature, admiring its beauty.