

JOB DESCRIPTION: GC-MS ANALYST

Company: Sensory FX (Pty) Ltd
Location: Centurion
Contract Type: Full time, permanent
Industry: Chemical

About us:

Sensory FX is a trailblazing developer and manufacturer of flavours and fragrances for a broad range of products – from food and beverages to household and personal care. As an industry pioneer in sub-Saharan Africa, we're known far and wide for our excellent service and high-quality products. Over the years, we're proud to have helped create and define some of the continent's best-loved brands. This is due to the fact that we don't just understand the science of fragrance and flavour, but the psychology behind it too – which allows us to craft uniquely appealing tastes and scents.

Purpose of position:

To analyze the chemical composition of flavours and fragrances for respective consumer products using gas chromatography-mass spectrometry (GC-MS).

Roles and responsibilities:

- Operate and maintain the GC-MS and FID (Flame Ionization Detector) including calibration, consumables and troubleshooting.
- Prepare detailed reports on analytical findings while documenting procedures and maintaining accurate records of all analyses.
- Extract, purify and prepare flavour and fragrance samples for GC-MS analysis (including techniques such as solvent extraction or SPME).
- Analyse chromatograms, identify and quantify volatile compounds and interpret spectral data using spectral libraries and retention indices.
- Work closely with flavourists and perfumers and other technical teams to provide rational results, analytical support for product development, quality control and regulatory compliance.
- Ensure all laboratory practices adhere to safety guidelines and quality standards.

Requirements & Skills:

- A Degree in chemistry or related field (MSc or PhD preferred).
- Proficiency in operating and maintaining GC-MS and FID equipment.
- Understand different columns used in GC-MS.
- Strong analytical skills to interpret chromatograms and identifying compounds.
- Chemical knowledge and understanding of flavour and fragrance chemistry including raw materials and their properties.
- Problem solving abilities to troubleshoot instrument issues and solve analytical problems.

Crafting taste and scent

154 Edward Avenue, Hennopspark, Centurion, South Africa. Postnet Suite 224, Private Bag X132, Centurion 0046, South Africa

T +27 (0)861 999 782 E info@sensoryfx.co.za sensoryfx.co.za

Directors: MJ Mohohoma, DF Strydom.

Reg number: 2010/016074/07 VAT number: 4850258189 Customs code: 21037781

- Communication skills to effectively collaborate with technical teams and present findings.
- Meticulous attention to detail and report writing skills.
- At least 8 years' experience in flavour and fragrance analysis, particularly using GC-MS.

If you are interested in this position and have the necessary skills and abilities, email your CV to danie@sensoryfx.co.za.

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