



Chemical and Biological Metrology Projects for Organic/inorganic Contaminants in Food and Water –and– Toxic elements in food and water

Duration: 2022–2026

Host Institution: DOST – Industrial Technology Development Institute (ITDI)

Project Description

Project 1

Production of Reference Materials (RM) and provision of Proficiency Testing (PT) schemes for organic/inorganic contaminants in food and water

Project 2

Production of gas reference materials

Expertise Needed

- Purity assessment of organic compounds using quantitative Nuclear Magnetic Resonance (qNMR)
- Isotope Dilution-Inductively Coupled Plasma Mass Spectrometry (ICPMS)
- Expert in Speciation analysis by HPLC-ICPMS
- Gas metrology and production of gas reference materials

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