



COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH

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Our Ref: CSIR/CRI/B1/SF.1/v.10/

13th March 2026

Your Ref.:

Biosafety Clearing-House (BCH)
Secretariat of the Cartagena Protocol on Biosafety

Dear Sir/Madam,

SUBMISSION OF TECHNICAL REFERENCE DOCUMENT ON THE DETECTION AND IDENTIFICATION OF LIVING MODIFIED ORGANISMS

In compliance with Cartagena Protocol on Biosafety, the Molecular Biology Laboratory section of the Crops Research Institute is pleased to submit our Technical Reference Document related to the detection and identification of living modified organisms (LMOs). This document integrates conventional Polymerase Chain Reaction (PCR) with quantitative PCR techniques for the detection of two regulatory sequences (NOS and 35S) associated with Living Modified Organisms.

Kindly find attached the Technical Reference Document.

Thank you for your attention.

Yours faithfully,

Belinda Akomeah (PhD)
Head of Section, Molecular Biology Laboratory
BSP Division

Endorsement

This submission is hereby endorsed by the Director of the CSIR-Crops Research Institute (CRI) for official submission thro' the Biosafety Clearing-House.

Prof. Maxwell Darko Asante
Director, CSIR-Crops Research Institute (CRI)

Date: 13-03-2026

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