

Certificate of Analysis

220513932-1

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Certificate Nō: 220513932-1 Date of issue: 30-05-2022
Unique Sample Nō: 13932

Sample Identification: Coles Maize 2022
Sample Description: Maize
Sample Size: ± 720 g
Priority: Economy

Date of Order: 23-05-2022
Date Sample Received: 24-05-2022

Test Requested:
GMO Screening: GMO Double Screen (35S and NOS)

Test Sample: 2 x 2 g

Analysis of GMO Screening

PCR System	PCR Cycles	Method Limit of Detection	Test Result Comment
35S	45	20 copies	35S not detected
NOS	45	20 copies	NOS not detected

35S: The 35S PCR system detects transgenic DNA sequences that are characteristic for the 35S promoter of the Cauliflower Mosaic Virus (CaMV). The limit of detection of genetically modified DNA is 0.01% or 20 copies.

NOS: The NOS PCR system detects transgenic DNA sequences that are characteristic for the NOS terminator derived from *Agrobacterium tumefaciens*. The limit of detection of genetically modified DNA is 0.01% or 20 copies.

Disclaimer:

- The result refers exclusively to the test sample and is not necessarily representative of the product from which the laboratory sample was taken.
- The result refers only to the laboratory test performed as requested by the client and does not exclude the presence of other GMOs not detected by the requested test(s).

Prof. C.D. Viljoen



Acting Manager: GMO Testing Facility



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