

GMO TESTING FACILITY UNIVERSITY OF THE FREE STATE



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GeneScan

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Certificate Nō: 08041689-1
Unique Sample Nō: 1689

Date of issue: 08-05-2008

Sample Identification: Baggasse pulp
Sample Description: Baggasse pulp
Sample Code / Batch:
Sample size: ± 500g
Priority: Normal

Date of Order: 05-05-2008
Date sample received: 06-05-2008

Test Requested: GMO double screen (35S and NOS)

Test Sample: 2 x 2g

Analysis of GMO Screening

PCR System	PCR Cycles	Result	Limit of Detection	Test Result Comment
35S	50	Negative	20 copies	GM not detected
NOS	50	Negative	20 copies	GM not detected

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

Prof. C.D. Viljoen


Manager: GMO Testing Facility

The result refers exclusively to the test sample and does not have to be representative of the product from which the laboratory sample was taken