

Analytical Report

South Asian Sourcing (Pvt) Ltd.

Attn: Mr. Ahmed Bilal
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44100 ISLAMABAD
Pakistan

Reportnr. : 900628 version 1	Disponent Number :
Product recognized as : Katoenzaad/Cotton seed	Sampling Date : 22-Nov-2018
Product Specification : Seed cotton (leaves)	Samplesize (kg) : 0,088
Reference :	Sealed / Seal Code : No /
AWB / BarCode : 5291097173	Sample Arrival Date : 26-Nov-2018 14:15
Packing : Plastic, ambient	ReportDate Version : 05-Dec-2018 15:51
Sample Type : Parcel Sample	
Buyer : South Asian Sourcing Private Limited	
Disp. Remark : Pakistani cotton CIM-554	

Genetic Determination

Common

Parameter	Result (as received)	
GMO based on constructs.	No genetically modified DNA was detected.	R
GMO-content calculated	Not detected (<0,01%)	R

Screening constructs (promoters & terminators)

Parameter	Result (as received)	
35S (P-35S)	Tested negative for GMO construct	Q R
NOS (t-NOS)	Tested negative for GMO construct	Q R
BAR	Tested negative for GMO construct	Q R
FMV (P-FMV)	Tested negative for GMO-construct	Q R
PAT (35S-pat)	Tested negative for GMO construct	Q R
NptII (NOS-nptII;35S-nptII)	Tested negative for GMO-construct	Q R
CTP2:CTP4 EPSPS	Tested negative for GMO-construct	Q R

Q - Analyses ISO 17025 accredited by RvA (ILAC)
R - Carried out by TLR International Laboratories, location Rotterdam

Sample size too small, results may be affected!

Requested 26-Nov-2018 by South Asian Sourcing (Pvt) Ltd.
Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories

Page 1 of 2

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ANNEX

Method Descriptions

Genetic Determination

Common

Method Description

Determination of 35S,NOS,FMV and BAR over 50 cycli with multiplex realtime PCR

Method Code

Own method

Screening constructs (promoters & terminator

Method Description

35S: Cauliflower Mosaic Virus 35S Promoter

FMV: Constitutive promoter of FMV (Figwork Mosaic Virus)

NOS:Sequence of the nopaline synthase gene from Agrobacterium tumefaciens T-DNA

Method Code

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Abbreviations:

acc: in accordance with

eq: Equivalent to