

Report 140519/001

of CONGEN Biotechnologie GmbH, Robert-Rössle-Str. 10, 13125 Berlin, Germany

to Sample Company, 123 Sample Street, 12345 Sample Town

Your order:	PCR GMO QUANT RR soya (GTS 40-3-2) (05/2012)
Dated:	2019-05-12
Your order number:	ABC123
Your sample number:	1
Your type of sample:	animal feed
Additional information:	dark powder
Date of arrival:	2019-05-13
Analysis from:	2019-05-13 to: 2019-05-14
Sample description:	in a sample cup
Sample weight:	120 g
Sample preparation:	homogenization of 120 g, sample preparation of 0.05 g

Molecular biological analyses:

In-house real-time PCR detection of a specific DNA sequence for GTS 40-3-2 soya (MON-Ø4Ø32-6) and soya (*Glycine max*) according to official collection of detection methods of § 64 German food law. ^{DAKKS}

Event specific detection of a DNA sequence for the transition from the 35S CaMV promoter in the gene for the transfer peptide from *Petunia hybrida* (CTP4).

Detection of	Qualitative Result	Quantitative Result	Single Measurements
RR soya	detected	0.18 %	0.17 %
Soya	detected		0.19 %

Limit of detection: ≤ 5 DNA-copies in unprocessed soya flour
The sample-specific detection limit was not determined.

Limit of quantification: 0.03 % (sample-specific)

Processing and matrix of the sample could affect the quantitative result.

The sample was analyzed as double assay. All control reactions (inhibition control, negative control, extraction control, positive control) confirm the result.

Evaluation:

The sample contains 0.18 % RR soya-DNA amount.

2019-05-14 Name scientist