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Mitgliedschaften/ Analytik Fachorganisationen

Gesellschaft Deutscher Lebensmitteltechnologien (GDL)
Schweizerische Gesellschaft für Lebensmittelhygiene (SGLH/SSDA)
Lebensmittelchemische Gesellschaft
Fachgruppe in der Gesellschaft Deutscher Chemiker (GDCh)
FOSFA International Ltd./GAFTA

Beratung/Untersuchung Gutachten

Lebensmittel, Futtermittel, Aromen,
Bedarfsgegenstände, Tabak,
Kosmetika
Mikrobiologie, Hygiene

CERTIFICATE OF ANALYSIS

20.09.2024

Certificate number: 3834/ RED 147-1
Received on: 20.09.2024
Date of analysis: 20.09 – 20.09.2024
Packing: plastic bottle
Sampling: by customer

Sample: Lecithin
Sample No: M 20243601
Batch: BA001349

Molecular biological analysis:

Test name	Method	Result	Unit	Uncertainty
GMO Screening 35S/ NOS/ FMV	ISO 21569:2013-08	negative		

Purpose:

The method serves for the identification of Roundup Ready soybean DNA.
The PCR-Analysis is carried out with 50 cycles with 35S/NOS/FMV-Primers in a Lightcycler 480II.

Test Kit:

- Sample Preparation Kit III
- GMO Screening LyoKit 1 and 2

Area of Application:

It detects the transition area of the 35S-Promotor and the sequence, which codes the transpeptide. Parallel hetero process by a positive sample.

- Limit of detection: 0,01 % modified DNA (< 20 copies)
- Limit of quantification: 0,05 % modified DNA

P. Grube (Molecular Biologist; Laboratory Manager)

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All results are expressed on a sample as received basis. The decision rules specified in the test standards were applied.

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