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Certificate No.: 40755-FR0874239-3

Freiburg, 2008-10-07

EFG Order No.:	40755	EFG Sample No.:	FR0874239
Date of Order:	2008-09-18	Sample received:	2008-09-19
Sample sent by:	Greenpeace Research Labs		

Sample

Sample description: Ground maize seed
 Your Sample Code: Greenpeace Maize Seed A
 Amount of Sample: 40 g

Examination Order: Quantification of GMO

Subsample analysed: 2 x 10 g

	Result	LOD	LOQ	Priority	Start of Analysis	End of Analysis
35S Promoter Quantification	0,1% +/- 0,05%	*	0,1 %	normal	2008-09-19	2008-10-07

LOD: limit of detection of the method, determined with DNA from pure unprocessed flour. The amount of target DNA extracted from the sample material may be insufficient for the LOD to be applicable to this sample.

LOQ: sample specific limit of quantification.

*: not available.

The results exclusively refer to the actually analysed portion of the sample delivered and therefore they do not have to be representative of the product from which the sample was taken. Our general business terms apply.

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Result 35S Promoter Quantification: The sample contains 0,1% (+/- 0,05%) 35S promoter DNA in relation to total corn DNA. The limit of quantification (LOQ), determined by the amount of corn DNA present in the sample was 0,1%.

Comment: The amount of GMO in the sample was measured by a Real-Time PCR system. Specific amounts of target sequences were used to generate standard curves for the reference and the GMO target. The 35S promoter content is determined by comparison of the sample generated values to the standard curves and expressed as percentage DNA.

If the sample contains a mixture of different GMO corn varieties and / or a mixture of different GMO's that contain the 35S promoter, then the GMO content can differ from the value determined in the analysis.

Dr. Cástor Menéndez, Lab Manager

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