

CERTIFICATE OF ANALYSIS

ERM[®] - BF422b

DRIED COTTON SEED POWDER		
	Mass Fraction	
	Certified value ¹⁾ [g/kg]	Uncertainty [g/kg]
281-24-236 x 3006-210-23 cotton seed	> 979	not applicable
1) No non-GM material was detected in the GM material when applying real-time PCR methods targeting the 281-24-236 sequence and the 3006-210-23 sequence. The certified value is traceable to the SI.		

This certificate is valid for 12 months after purchase.

Sales date:

The minimum amount of sample to be used is 100 mg.

NOTE

European Reference Material ERM[®]-BF422b was produced and certified under the responsibility of the IRMM according to the principles laid down in the technical guidelines of the European Reference Materials[®] co-operation agreement between BAM-IRMM-LGC. Information on these guidelines is available on the internet (<http://www.erm-crm.org>).

Accepted as an ERM[®], Geel, December 2006

Signed: _____



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DESCRIPTION OF THE SAMPLE

ERM-BF422b is part of a set of four cotton seed powder CRMs containing different mass fractions of genetically modified (GM) 281-24-236 x 3006-210-23 cotton seed. The set of CRMs (ERM-BF422a, ERM-BF422b, ERM-BF422c and ERM-BF422d) was produced and certified under the responsibility of the Institute for Reference Materials and Measurements of the European Commission's Directorate General Joint Research Centre (EC-DG JRC-IRMM). ERM-BF422c is available in glass bottles containing approximately 1 g of cotton seed powder closed under argon atmosphere. This reference material has been produced from whole seeds of modified 281-24-236 x 3006-210-23 cotton delivered by Dow AgroSciences LLC (Indianapolis, IN, USA). According to Commission Regulation (EC) No 65/2004 the cotton event 281-24-236 x 3006-210-23 received the unique identifier DAS-24236-5 x DAS-21Ø23-5.

ANALYTICAL METHOD USED FOR CERTIFICATION

Purity controlled by real-time Polymerase Chain Reaction (rt-PCR).

PARTICIPANT

EC-DG JRC-IRMM, Geel, BE

SAFETY INFORMATION

This CRM is intended for laboratory use only and should not be used for drugs, household and other uses. As the powder material is not viable, accidental release into the environment forms no risk.

INSTRUCTIONS FOR USE

CRM ERM-BF422b is intended to be used for the quality control or calibration of methods for the quantification of the 281-24-236 x 3006-210-23 cotton mass fraction in food and feed.

STORAGE

Bottles should be stored dry and in the dark at maximum 4 °C.

However, the European Commission cannot be held responsible for changes that happen during storage of the material at the customer's premises, especially of opened samples.

LEGAL NOTICE

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NOTE

A detailed technical report is available on www.erm-crm.org. A paper copy can be obtained from IRMM on request.

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