impetus bioscience

DAkkS Deutsche Akkreditierungsstelle D-PL-19235-01-00

impetus bioscience · Gottlieb-Daimler-Str. 13 · 28237 Bremen

Pima Prima
Anna Romanov
30 N Gould St Ste. N, Sheridan
WY 82801 Wyoming

Bremen, 10/23/2026

Your order from: Sep 29, 2026

Certificate of analysis

Our sample no.:	P26-46113
Your sample no.:	ID: PP-COT-2026-001
Sample description:	Raw Cotton Gossypium barbadense
Batch/Coding/sell-by date:	Cotton Lot: PP001 Bale: PP001 Gin/Supplier: TG2026
Date of receipt:	21.10.2026
Temperature of receipt:	Room temperature
Sample description/packaging:	Sample in a plastic bag
Sample amount:	167.00 g
Start of analysis:	21.10.2026
End of analysis:	23.10.2026

Impetus Bioscience Beteiligungsgesellschaft mbH, Gottlieb-Daimler-Str. 13, 28237 Bremen

Managing director:
Dr. Tomasz P. Bednarczyk
Dr. Hermann Rüggeberg
Dr. Lothar Kruse

HR B3622 BHV
UST-IdNr. DE 404857874
TAX ID: 60 118 18461

Bank:
Weser-Elbe Sparkasse
IBAN DE43292500000001217690
BIC BRLADE21BRS

Tel.: +49 421 95700 700
Fax: +49 421 95700 701
E-Mail: info@impetus-bioscience.de
Homepage: www.impetus-bioscience.de

Quantification of pima cotton

Parameter	Result	Comment	method
Gossypium barbadense quant.	99.0 %	The content of Gossypium barbadense DNA on the total cotton DNA is 99,0 %	ddPCR IB-T184 2025-04 according to S-016 2022-09
Gossypium hirsutum quant.	1.0 %	The content of Gossypium hirsutum DNA on the total cotton DNA is 1,0 %	ddPCR IB-T184 2025-04 according to S-016 2022-09

Remarks

The analysis was performd in duplicates by ddPCR in the BioRad system QX200. Only detections with at least 10,000 droplets were evaluated. Positve and negative control reactions fullfilled the specifications.
The limit of quantification (LOQ) is defined by the method and is at approx. 0,1 % genetically modified DNA in the sample DNA.
The relative simple measurement uncertainty of the used ddPCR method is 30 %.

Sample designation, your sample number and batch/code/sell-by-date are informations provided by the customer.
The results are valid for the sample as obtained and exclusively refer to the analysed proportion of the sample we have received from you. They do not necessarily have to be representative for the product from which the sample was taken.
It is not allowed to publish this certificate whole or in part without prior consent from the laboratory. Our general terms of business are considered as accepted.

Key: na) non-accredited method p) accredited method in partnered laboratory pp) accredited method of partner laboratory of partnered laboratory
pn) analysis in partnered laboratory; non-accredited method
Mu simple measurement uncertainty MU expanded measurement uncertainty

Björn Oeters
Deputy Technical Management DNA-Analyses

This certificate and the signature have been drawn up electronically. The original will be sent on request.