ICA Bremen - International
Quality Testing and Research Centre
In cooperation with Bremen Fibre Institute (FIBRE)

ICA Bremen GmbH, Wachtstrasse 17-24, 28195 Bremen, Germany

Pima Prima; USA
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USA

Certificate No.	ICA-26-451-HA1
Client No.	24030
Date	20.10.2026
Test Device	USTER HVI 1000
Kind of Test	Type
Origin	Raw Cotton Gossypium Barbadense
Client Sample ID	Lot/Bale PP001; PP-COT-2026-003

Test Report

Results

A-PA-F01-1 according to ASTM 5867-2012
Instrument classification of cotton fibres (USTER HVI)

Test results are given in the attached table.

Comments / Interpretation

- (a) Each test results is based on the following measurements: 1 mic, 2 combs len/str, 2 colour.
- (e) Results for elongation, short fibre index, trash count, trash area, and trash grade show a system inherent high variation and are thus only indicative. Results for SCI, Color Grade and Tr ID are calculated from the underlying test results.
- (g) Calibrated with HVICCS Upland Short/Weak and Extra Fine (Pima) Long/Strong Calibration Standards.

General Comments

- The results are only valid for the tested material.
- Climatisation for preconditioning and for testing according to ASTM D1776.
- Samples will be kept in the laboratory for five weeks after testing and will then be disposed of, unless otherwise agreed.
- Copying is only permitted with written permission of ICA Bremen.

	Signature	Full Name	Position
FIBRE Review 1		Tanja Slootmaker	Head Technician
FIBRE Review 2		Esther Dederer	Laboratory Technician
FIBRE		Dipl.-Ing. Axel Drieling	Senior Manager Cotton
ICA Bremen GmbH		Jens Wirth	Operations Manager

Bremen, 20.10.2026

A joint venture between
In cooperation with

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Place of Jurisdiction: Bremen

Test Results

Certificate No.	ICA-26-451-HA1	**Test Device**	USTER HVI 1000
Client	Pima Prima; USA	**Client No.**	24030
Origin	Raw Cotton Gossypium Barbadense	**Date**	20.10.2026
Client Sample ID	Lot/Bale PP001; PP-COT-2026-003		

Bale ID	SCI	Mic	Mat	UHML	UHML	UI	SFI	Str	Elg	Rd	+b	CGrd	Tr Cnt	Tr Ar	Tr ID
				[inch]	[mm]	[%]	[0.5 inch]	[g/tex]	[%]			Upland			Tr-Grd
1	188	3.45	0.84	1.467	37.27	85.6	6.1	36.3	6.4	73.0	12.1	23-1	14	0.12	1
2	180	3.44	0.84	1.417	35.99	83.7	6.2	37.5	6.7	72.8	12.0	23-1	10	0.145	1
3	189	3.63	0.85	1.463	37.17	85.8	6.1	37.4	6.7	71.4	12.1	23-4	8	0.46	4
4	191	3.61	0.85	1.465	37.22	86.2	6.1	36.9	6.5	72.7	11.8	23-1	10	0.105	1
5	177	3.49	0.84	1.452	36.88	84.6	6.2	34.4	6.7	72.7	11.8	23-1	11	0.105	1
6	191	3.56	0.84	1.46	37.1	84.4	6.1	39.9	6.8	72.7	11.7	23-1	12	0.18	2
7	184	3.5	0.84	1.443	36.65	86.5	6.1	34.0	6.8	72.7	11.7	23-1	13	0.165	1
8	183	3.43	0.84	1.499	38.06	85.9	6.1	33.4	6.7	72.7	11.7	23-1	14	0.185	2
	SCI	**Mic**	**Mat**	**UHML**	**UHML**	**UI**	**SFI**	**Str**	**Elg**	**Rd**	**+b**	**CGrd**	**Tr Cnt**	**Tr Ar**	**Tr ID**
Avg.	**185**	**3.51**	**0.84**	**1.458**	**37.04**	**85.3**	**6.1**	**36.2**	**6.7**	**72.6**	**11.9**	23-1	**12**	**0.183**	2
Std. Dev.	5	0.08	0.00	0.023	0.59	1.0	0.0	2.2	0.1	0.5	0.2			0.116	
CV%	2.8	2.2	0.3	1.6	1.6	1.2	0.4	6.0	2.2	0.7	1.4			63.5	
Min.	177	3.43	0.84	1.42	35.99	83.7	6.11	33.42	6.41	71.39	11.68		8	0.11	1
Max.	191	3.63	0.85	1.5	38.06	86.52	6.18	39.85	6.82	72.97	12.09		14	0.46	4
No. of Results	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

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