ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Argentina	2025 - 01 February		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-	
	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
Benin	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		0.12		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.63		< 0.10		< 0.01		-		-		-		-	
Brazil	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Mato Grosso	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May	Mato Grosso	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Mato Grosso	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Mato Grosso	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.56		< 0.10		< 0.01		-		-		-		-	

Bremen Cotton Exchange, Wachtstraße 17-24, 28195 Bremen, GERMANY
Phone +49 421 339 70-0, E-mail info@baumwollboerse.de

Last Update: 25. August 2025

Explanation of footnotes on the last page(s)

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Burkina Faso	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Cameroon	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.56		< 0.10		< 0.01		-		-		-		-	
Chad	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		0.13		< 0.01		< 4.00		< 4.00		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.10		< 0.01		-		-		-		-	
	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		1.37		< 0.10		< 0.01		-		-		-		-	
	1998 - 26 Februar		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
China	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	ELS	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Egypt	2020 - 17 December	Giza 96	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2013 - 26 June	Giza 88	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August	Giza 88	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December	Giza 88	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	Giza 86	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Giza 70	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Giza 86	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Giza 86	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.55		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Giza 88	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.38		< 0.10		< 0.01		-		-		-		-	
Greece	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		0.15		< 0.01		< 4.00		< 4.00		-		-	
	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.12		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

Bremen Cotton Exchange, Wachtstraße 17-24, 28195 Bremen, GERMANY
Phone +49 421 339 70-0, E-mail info@baumwollboerse.de

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
India	2025 - 01 February		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-	
	2020 - 17 Dezember		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	MCU-5	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	S-6	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Mech-1	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Organic	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	S-6	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Ivory Coast	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

Bremen Cotton Exchange, Wachtstraße 17-24, 28195 Bremen, GERMANY
Phone +49 421 339 70-0, E-mail info@baumwollboerse.de

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Israel	2021 - 15 September	Pima	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August	Acalpi	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June	Acalpi	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June	Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August	Pima Organic	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	Acala	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Acala	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.11		< 0.01		-		-		-		-	
	2005 - 23 May	Acala	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May	Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Pima	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Acala	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		0.13		< 0.01		-		-		-		-	
	2002 - 9 December	Pima	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.28		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Kazakhstan	2020 - 17 December		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.12		< 0.01		-		-		-		-	
Kyrgyzstan	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Mali	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.50		< 0.10		< 0.01		-		-		-		-	
Nigeria	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Pakistan	2021 - 12 July		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Paraguay	2025 - 01 February		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
Senegal	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
Spain	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2020 - 01 September		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August	ELS	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Sudan	2023 - 23 November	Acala	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2018 - 17 August	Acala	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May	Acala	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May	Barakat	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Barakat	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Barakat	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.35		< 0.10		< 0.01		-		-		-		-	
Syria	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.12		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.63		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
Tajikistan	2025 - 01 February		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-	
	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
Tanzania	2025 - 01 February		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	rgd.	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Togo	2023 - 23 November		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00					
Türkiye	2023 - 23 November	rgd.	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		0.13		< 0.01		< 4.00		< 4.00					
	2021 - 12 July		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August	rgd.	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	LS	< 4.00		< 0.05		< 0.05		< 0.05		0.11		< 0.10		< 4.00		0.15		< 0.01		-		-		-		-	
	2005 - 23 May	Southeast rgd.	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Eastern rgd.	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
Turk-menistan	2018 - 17 August		< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
		Product Class	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
		Limit Value (ppm)	30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
USA	2023 - 23 November	Upland	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		-		-	
	2020 - 17 December	Pima	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2020 - 01 September	Upland	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		< 4.00		< 4.00		< 4.00		< 4.00	
	2018 - 17 August	EMOT	< 4.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2015 - 18 September	Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June	Mem./East.	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2013 - 26 June	Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.13		< 0.01		-		-		-		-	
	2009 - 28 December	Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September	Calif. SJV	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Calif. Acala	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June	Calif. Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		0.11		< 0.01		-		-		-		-	
	2005 - 23 May	Calif. Pima	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May	Mem./East.	< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April	Pima	< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Calif. SJV	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.13		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	Calif. Pima	< 0.10		< 0.10		< 0.10		< 0.05		0.35		< 0.10		0.44		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December	El Paso Pima	< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.65		< 0.10		< 0.01		-		-		-		-	
	1998 - 26 Februar	El Paso 1517	-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	

ANALYSIS OF CHEMICAL RESIDUES IN RAW COTTON

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90
Uzbekistan	2015 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2011 - 16 August		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2008 - 18 September		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.64		< 0.10		< 0.01		-		-		-		-	
	1992 - 24 November		-		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		n.d.		-		-		-		-	
Zimbabwe	2009 - 28 December		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2007 - 22 June		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2005 - 23 May		< 4.00		< 0.05		< 0.05		< 0.05		< 0.10		< 0.10		< 4.00		< 0.10		< 0.01		-		-		-		-	
	2004 - 5 April		< 5.00		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		< 5.00		< 0.10		< 0.01		-		-		-		-	
	2002 - 9 December		< 0.10		< 0.10		< 0.10		< 0.05		< 0.10		< 0.10		0.30		< 0.10		< 0.01		-		-		-		-	

2025

Copper: No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products.
Limit of quantitation: Hg 0.01 mg/kg; As, Pb, Cd 0.05 mg/kg; Cr, Co, Ni 0.1 mg/kg; Sb, Cu, Ba, Se, Zn, Mn 4.0 mg/kg.
n.d. = not detectable

2021 and 2023:

[1] Including the requirement by REACH-Regulation Annex XVII, Entry 27.
[2] No requirement for accessories and yarns made from inorganic material, respecting the requirements regarding biological active products.
[3] For metallic accessories and metallized surfaces 0.5 mg/kg.
[4] For metallic accessories and metallized surfaces 1.0 mg/kg.
[5] Requirement for accessories made from glass <0.1%
Limit of quantitation: Hg 0.01 mg/kg; Cd 0.05 mg/kg; As, Pb, Cr, Co, Ni 0.1 mg/kg; Sb, Cu, Ba, Se, Zn, Mn 4.0 mg/kg.
Method: Extraction with artificial acid perspiration solution; determination using ICP-MS.
n.d. = not detectable

Heavy Metals

as per Oeko-Tex® Standard 100

Growth	Date of Analysis	Variety	Sb		As		Pb		Cd		Cr		Co		Cu		Ni[1]		Hg		Ba		Se		Zn		Mn	
			Antimony		Arsenic		Lead		Cadmium		Chromium		Cobalt		Copper		Nickel		Mercury		Barium		Selenium		Zinc		Manganese	
Product Class			I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV	I	II-IV
Limit Value (ppm)			30	30	0.2	0.2	0.2	0.2[5]	0.1	0.1	1.0	1.0	1.0	1.0	25[2]	50[2]	1.0[3]	1.0[4]	0.02	0.02	1000	1000	100	100	750	750	90	90

2020:

[1] Including the requirement by EC-Regulation 1907/2006.
[2] No requirement for accessories and yarns made from inorganic material, respecting the requirements regarding biological active products.
[3] For metallic accessories and metallized surfaces 0.5 mg/kg.
[4] For metallic accessories and metallized surfaces 1.0 mg/kg.
[5] No requirement for accessories made from glass.
Limit of quantitation: Hg 0.01 mg/kg; Cd 0.05 mg/kg; As, Pb, Cr, Co, Ni 0.1 mg/kg; Sb, Cu, Ba, Se, Zn, Mn 4.0 mg/kg.
Method: Extraction with artificial acid perspiration solution; determination using ICP-MS or AAS.
n.d. = not detectable