

Test Report

SL22502354225401TX

Date: October 31, 2025 Page 1 of 14

LINYI TIANYI INTERNATIONAL TRADE CO.,LTD  
NO.6-7,WEST SIDE STREET,HEDONG ELECTRIC APPLIANCES MARKET YUJIUQU COMMUNITY,JIUQU  
SUB-DISTRICT,HEDONG DISTRICT,LINYI CITY,SHANDONG PROVINCE CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A/B/C)glove  
(Red, Yellow, Blue, Split Cowhide Leather,Canvas Fleece Lining Glove)

Sample Color : (A)YELLOW;(B)BLUE;(C)RED  
(A)double-layer cowhide,canvas fleece;

Composition : (B)double-layer cowhide,canvas fleece;  
(C)double-layer cowhide,canvas fleece

Style No. : DT-002

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Oct 10, 2025 & Oct 23, 2025

Testing Period : Oct 10, 2025 - Oct 31, 2025

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the  
sample(s) tested, for further details, please refer to the following page(s).



**Protective Gloves against Mechanical Risks (EN 388:2016+A1:2018)**

Conclusion	A	Remark
Clause 4.1 Abrasion Resistance	Level 3	
Clause 4.1 Blade Cut Resistance	Level 2	
Clause 4.1 Tear Resistance	Level 4	
Clause 4.1 Puncture Resistance	Level 3	

**Protective Gloves and Other Hand Protective Equipments against Thermal Risks (Heat and/or Fire) (EN 407:2020)**

Conclusion	A	Remark
Clause 4.3 Tear Resistance	PASS	
Clause 4.5.2 Limited Flame Spread	PASS	
Clause 4.5.3 Contact Heat	PASS	
Clause 4.5.4 Convective Heat	PASS	

**Protective Gloves-General Requirements and Test Methods (EN ISO 21420:2020+A1:2024)**

Conclusion	A	B	C	Remark
EN ISO 21420:2020+A1:2024				
Clause 4.2 Determination of pH Value	PASS	PASS	PASS	
EN ISO 21420:2020+A1:2024				
Clause 4.2 Determination of pH Value in Leather	PASS	PASS	PASS	
EN ISO 21420:2020+A1:2024				
Clause 5.2 Dexterity	Level 3	-	-	
EN ISO 21420:2020+A1:2024				
Clause 4.2 Azo Dyes for Textile	PASS	PASS	PASS	
EN ISO 21420:2020+A1:2024				
Clause 4.2 Azo Dyes for Leather	PASS	PASS	PASS	
EN ISO 21420:2020+A1:2024				
Clause 4.2 Hexavalent Chromium(CrVI)	PASS	PASS	PASS	

Remark(s) : PASS=Meet Client's/General Requirement

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

*York Yao*

York Yao (Account Executive)



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Sample No.	Component No.	Description	Color	Remark
A	1	shell	Yellow	
A	2	lining	White	
A/B	3	lining	Black	
A	10	palm	Yellow	
B	4	shell	Blue	
B/C	5	lining	White	
C	6	shell	Red	
C	7	lining	Black	
A/B/C	8	Thumb lining	White/grey/black	

Test Result

**Protective Gloves against Mechanical Risks**

EN 388:2016+A1:2018

**Clause 4.1 Abrasion Resistance**

(EN 388:2016+A1:2018, Clause 6.1)

**A**

As Received	No. 1	No. 2	No. 3	No. 4	Minimum	Requirement
Abrasion Result(Rubs)	6110	6110	6960	7370	6110	-

Recommended Level: 3

Remark:

1) Performance requirement:

Level 1: 100rubs; Level 2: 500rubs; Level 3: 2000rubs; Level 4: 8000rubs

2) Consumables information:

Abradant: Klingspor PL 31B, Grit 180

Double-sided adhesive tape: 3M 300LSE



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**Clause 4.1 Blade Cut Resistance**

(EN 388:2016+A1:2018 Clause 6.2)

Sample A  
As received

	Unit	C <sub>n</sub>	T	C <sub>n+1</sub>	Index	Index of each Specimen
Sequence 1	-	1.3	2.3	1.3	2.8	2.8
Sequence 2	-	1.3	2.3	1.3	2.8	
Sequence 3	-	1.3	2.2	1.3	2.7	
Sequence 4	-	1.3	2.4	1.3	2.8	
Sequence 5	-	1.3	2.3	1.4	2.7	
Sequence 1	-	1.1	1.9	1.1	2.7	2.7
Sequence 2	-	1.1	2.1	1.1	2.9	
Sequence 3	-	1.1	2.0	1.1	2.8	
Sequence 4	-	1.1	1.8	1.1	2.6	
Sequence 5	-	1.1	1.9	1.2	2.7	
Lowest of the Two Average :2.7						

**Recommended level : 2**

Remark :

- 1) C<sub>n</sub> & C<sub>n+1</sub>= Cut-through cycles of control specimen; T= Cut-through cycles of test specimen;
- 2) Performance requirement : Level 1-1.2, Level 2-2.5, Level 3-5.0, Level 4-10.0, Level 5-20.0  
The performance level is defined as the lowest of the two specimen index values.
- 3) Consumables information:  
Canvas : STM 611  
Blade : RB 45 STM 611K



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**Clause 4.1 Tear Resistance**

(EN 388:2016+A1:2018, Clause 6.4)

As Received	Unit	A-outer	A-inner	Requirement
-				
In the direction of the glove - 1#	N	86	29	-
In the direction of the glove - 2#	N	85	34	-
Across the palm width of the glove -1#	N	85	30	-
Across the palm width of the glove -2#	N	78	26	-
Lowest value	N	78	26	-

The value with highest performance layer(N) : 78

Recommended Level: 4

Remark: Level 1: 10N; Level 2: 25N; Level 3: 50N; Level 4: 75N

**Clause 4.1 Puncture Resistance**

(EN 388:2016+A1:2018, Clause 6.5)

A	No. 1	No. 2	No. 3	No. 4	Minimum	Requirement
As Received						
Result(N)	125	126	128	161	125	-

Recommended Level: 3

Remark: Level 1: 20N; Level 2: 60N; Level 3: 100N; Level 4: 150N



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**Protective Gloves and Other Hand Protective Equipments against Thermal Risks (Heat and/or Fire)**  
EN 407:2020

**Clause 4.3 Tear Resistance**

(EN 407:2020, Clause 6.8)

**A**

As Received	No. 1	No. 2	Requirement
In the Direction of the Glove(N)	78	86	Min.10N
Across the Palm with of the Glove(N)	82	78	Min.10N

Conclusion: Pass

**Clause 4.5.2 Limited Flame Spread**

(EN ISO 15025:2016)

Sample \_\_\_A\_\_\_

**As Received**

**Method B: Bottom edge ignition**

	Unit	1#	2#	3#
After flame time	s	0	0	0
After glow time	s	0	0	0
Innermost layer melting	-	N	N	N
Number of holes	-	N/A	N/A	N/A
Size of the largest hole	mm	N/A	N/A	N/A
If outermost layer melting, material produce molten or flaming debris	-	N	N	N
Seam integrity	-	Y	Y	Y

**Recommended Level:** 4

Conclusion: Pass

Remark:

- 1) Ignition time: 10s, Gas used: Propane
- 2) Y: Yes; N: No; N/A: not applicable
- 3) Requirement:

- i. Performance level: Level 1: after flame time: ≤15s, after glow time: No requirement; Level 2: after flame time: ≤10s, after glow time: ≤120s; Level 3: after flame time: ≤3s, after glow time: ≤25s; Level 4: after flame time: ≤2s, after glow time: ≤5s.

The performance level shall be recommended based on the lowest of the individual values.

- ii. Surface of the innermost layer of the glove shall show no sign of melting.
- iii. No hole shall appear on all layers of the tested area.
- iv. The seam shall not come apart after the ignition time.
- v. If the outermost layer melts, the material shall not produce molten or flaming debris.



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**Clause 4.5.3 Contact Heat**

(EN ISO 12127-1:2015)

**A**

As Received / 100°C	No. 1	No. 2	No. 3	Requirement
Threshold Time(s)	39.8	40.2	41.3	-
Innermost Layer Melting or Holing	N	N	N	-

Recommended Level: 1  
Conclusion Pass

Remark

- 1) Contact temperature, Tc: Surface temperature of the contact area of the heating cylinder.
- 2) Threshold time, tt: Time between the start of timing and the moment when the temperature of the calorimeter is 10°C above its starting value.
- 3) Y: Yes; N: No
- 4) Requirement:
  - i. Performance level: Level 1: contact temperature Tc: 100°C, threshold time tt : ≥15s; Level 2: contact temperature Tc: 250°C, threshold time tt : ≥15s; Level 3: contact temperature Tc: 350°C, threshold time tt : ≥15s; Level 4: contact temperature Tc: 500°C, threshold time tt : ≥15s; The performance level shall be recommended based on the lowest of the individual values.
  - ii. Innermost layers shall show no sign of melting and holing.

**Clause 4.5.4 Convective Heat#**

(EN ISO 9151:2016; Pre-Conditioning: Minimum of 24 hours at 20±2°C and 65±5% R.H.;  
Test Condition: 23±5°C and 15~80% R.H.;  
Calorimeter: Method B;  
Gas used: Propane)

**A-palm**

As Received	No. 1	No. 2	No. 3
Individual Value for Heat Transfer Index HTI <sub>24</sub> (s)	17.1	17.7	17.5
Innermost Layer Melting or Holing	N	N	N

Recommended Level: level 3  
Conclusion Pass

Remark

- 1) Heat transfer index, HTI: Mean time, in whole seconds to achieve a temperature rise of (24±0.2)°C.
- 2) Y: Yes; N: No
- 3) Requirement:
  - i. Performance level: Level 1: heat transfer index HTI : ≥4s; Level 2: heat transfer index HTI : ≥7s; Level 3: heat transfer index HTI : ≥10s; Level 4: heat transfer index HTI : ≥18s. The performance level shall be recommended based on the lowest of the individual values.
  - ii. Innermost layers shall show no sign of melting and holing.

# Test items were carried out by (SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.) (CNAS No. L0599) were not included in the CNAS Accredited Schedule for our laboratory.



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**Protective Gloves-General Requirements and Test Methods**

EN ISO 21420:2020+A1:2024

**EN ISO 21420:2020+A1:2024 Clause 4.2 Determination of pH Value**

(ISO 3071:2020;0.1 mol/L KCl extraction)

	Unit	2	3	5	Requirement
pH Value	-	5.6	3.5	3.5	3.5-9.5
<b>Conclusion</b>		<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	
	Unit	7	Requirement		
pH Value	-	3.5	3.5-9.5		
<b>Conclusion</b>		<b>PASS</b>			
	Unit	8	Requirement		
pH Value	-	5.3	3.5-9.5		
<b>Conclusion</b>		<b>PASS</b>			

Conclusion Pass

Note: pH value of extraction medium 5.7  
Temperature of the extraction solution 22.4°C

**EN ISO 21420:2020+A1:2024 Clause 4.2 Determination of pH Value in Leather**

(ISO 4045:2018)

	Unit	1	4	6	Requirement
pH Value	-	3.60	3.50	3.50	3.5-9.5
Difference figure		0.90	0.80	0.90	
<b>Conclusion</b>		<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	

**EN ISO 21420:2020+A1:2024 Clause 5.2 Dexterity**

(EN ISO 21420:2020+A1:2024, Clause 6.2)

	Unit	A	Requirement
Smallest diameter of pin fulfilling test conditions	mm	8.0	-

Recommended Level : 3

Finger dexterity test

Level of performance	Smallest diameter of pin fulfilling test conditions (mm)
1	11.0
2	9.5
3	8.0
4	6.5
5	5.0



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**EN ISO 21420:2020+A1:2024 Clause 4.2 Azo Dyes for Textile**

**Test Method:** With reference to EN ISO 14362-1:2017, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS No.	Unit(s)	RL	3	Req.
<b>Direct Reduction*</b>					
4-Aminobiphenyl	92-67-1	mg/kg	5	ND	N.D.
Benzidine	92-87-5	mg/kg	5	ND	N.D.
4-Chlor-o-toluidine	95-69-2	mg/kg	5	ND	N.D.
2-Naphthylamine	91-59-8	mg/kg	5	ND	N.D.
o-Aminoazotoluene	97-56-3	mg/kg	5	ND	N.D.
5-Nitro-o-Toluidine/2-Amino-4-Nitrotoluene	99-55-8	mg/kg	5	ND	N.D.
4-Chloroaniline	106-47-8	mg/kg	5	ND	N.D.
4-Methoxy-m-Phenylenediamine/2,4-Diaminoanisole	615-05-4	mg/kg	5	ND	N.D.
4,4'-Diaminodiphenylmethane, MDA	101-77-9	mg/kg	5	ND	N.D.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	ND	N.D.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	ND	N.D.
3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	ND	N.D.
4,4'-methylenedi-o-Toluidine/3,3'-Dimethyl-4,4'-Diaminodiphenylmethane	838-88-0	mg/kg	5	ND	N.D.
p-Cresidine	120-71-8	mg/kg	5	ND	N.D.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND	N.D.
4,4'-Oxydianiline	101-80-4	mg/kg	5	ND	N.D.
4,4'-Thiodianiline	139-65-1	mg/kg	5	ND	N.D.
o-Toluidine	95-53-4	mg/kg	5	ND	N.D.
4-Methyl-m-Phenylenediamine/2,4-Toluyldiamine, TDA	95-80-7	mg/kg	5	ND	N.D.
2,4,5-Trimethylaniline	137-17-7	mg/kg	5	ND	N.D.
4-Aminoazobenzene	60-09-3	mg/kg	5	ND	N.D.
O-Anisidine	90-04-0	mg/kg	5	ND	N.D.
<b>Conclusion</b>				<b>Pass</b>	

**Remark:** ND = Not Detected  
RL = Reporting Limit

**Notes:** (1) \*Direct reduction refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses.  
(2) EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.  
(3) The result interpretation and assessment guide according to Annex C of EN ISO 14362-1:2017 should be taken into account when assessing the source of amine.



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**EN ISO 21420:2020+A1:2024 Clause 4.2 Azo Dyes for Textile**

**Test Method:** With reference to EN ISO 14362-1:2017, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS No.	Unit(s)	RL	Z		Req.
				Direct Reduction*	Colorant Extraction*	
4-Aminobiphenyl	92-67-1	mg/kg	5	ND	ND	N.D.
Benzidine	92-87-5	mg/kg	5	ND	ND	N.D.
4-Chlor-o-toluidine	95-69-2	mg/kg	5	ND	ND	N.D.
2-Naphthylamine	91-59-8	mg/kg	5	ND	ND	N.D.
o-Aminoazotoluene	97-56-3	mg/kg	5	ND	ND	N.D.
5-Nitro-o-Toluidine/2-Amino-4-Nitrotoluene	99-55-8	mg/kg	5	ND	ND	N.D.
4-Chloroaniline	106-47-8	mg/kg	5	ND	ND	N.D.
4-Methoxy-m-Phenylenediamine/2,4-Diaminoanisole	615-05-4	mg/kg	5	ND	ND	N.D.
4,4'-Diaminodiphenylmethane, MDA	101-77-9	mg/kg	5	ND	ND	N.D.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	ND	ND	N.D.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	ND	ND	N.D.
3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	ND	ND	N.D.
4,4'-methylenedi-o-Toluidine/3,3'-Dimethyl-4,4'-Diaminodiphenylmethane	838-88-0	mg/kg	5	ND	ND	N.D.
p-Cresidine	120-71-8	mg/kg	5	ND	ND	N.D.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND	ND	N.D.
4,4'-Oxydianiline	101-80-4	mg/kg	5	ND	ND	N.D.
4,4'-Thiodianiline	139-65-1	mg/kg	5	ND	ND	N.D.
o-Toluidine	95-53-4	mg/kg	5	ND	ND	N.D.
4-Methyl-m-Phenylenediamine/2,4-Toluyldiamine, TDA	95-80-7	mg/kg	5	ND	ND	N.D.
2,4,5-Trimethylaniline	137-17-7	mg/kg	5	ND	ND	N.D.
4-Aminoazobenzene	60-09-3	mg/kg	5	ND	ND	N.D.
O-Anisidine	90-04-0	mg/kg	5	ND	ND	N.D.
<b>Conclusion</b>				<b>Pass</b>	<b>Pass</b>	

**Remark:** ND = Not Detected  
RL = Reporting Limit

**Notes:** (1) \*Direct reduction refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses.  
\*Colorant extraction refers to the colourant extraction and subsequent reduction according to EN ISO 14362-1:2017 Clause 10.1 and relevant clauses.  
(2) EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be



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employed to verify the presence of 4-AAB.

(3) The result interpretation and assessment guide according to Annex C of EN ISO 14362-1:2017 should be taken into account when assessing the source of amine.

**EN ISO 21420:2020+A1:2024 Clause 4.2 Azo Dyes for Textile**

**Test Method:** With reference to EN ISO 14362-1:2017, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS No.	Unit(s)	RL	§		Req.
				Direct Reduction*	Colorant Extraction*	
4-Aminobiphenyl	92-67-1	mg/kg	5	ND	ND	N.D.
Benzidine	92-87-5	mg/kg	5	ND	ND	N.D.
4-Chlor-o-toluidine	95-69-2	mg/kg	5	ND	ND	N.D.
2-Naphthylamine	91-59-8	mg/kg	5	ND	ND	N.D.
o-Aminoazotoluene	97-56-3	mg/kg	5	ND	ND	N.D.
5-Nitro-o-Toluidine/2-Amino-4-Nitrotoluene	99-55-8	mg/kg	5	ND	ND	N.D.
4-Chloroaniline	106-47-8	mg/kg	5	ND	ND	N.D.
4-Methoxy-m-Phenylenediamine/2,4-Diaminoanisole	615-05-4	mg/kg	5	ND	ND	N.D.
4,4'-Diaminodiphenylmethane, MDA	101-77-9	mg/kg	5	ND	ND	N.D.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	ND	ND	N.D.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	ND	ND	N.D.
3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	ND	ND	N.D.
4,4'-methylene-di-o-Toluidine/3,3'-Dimethyl-4,4'-Diaminodiphenylmethane	838-88-0	mg/kg	5	ND	ND	N.D.
p-Cresidine	120-71-8	mg/kg	5	ND	ND	N.D.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND	ND	N.D.
4,4'-Oxydianiline	101-80-4	mg/kg	5	ND	ND	N.D.
4,4'-Thiodianiline	139-65-1	mg/kg	5	ND	ND	N.D.
o-Toluidine	95-53-4	mg/kg	5	ND	ND	N.D.
4-Methyl-m-Phenylenediamine/2,4-Toluyldiamine, TDA	95-80-7	mg/kg	5	ND	ND	N.D.
2,4,5-Trimethylaniline	137-17-7	mg/kg	5	ND	ND	N.D.
4-Aminoazobenzene	60-09-3	mg/kg	5	ND	ND	N.D.
O-Anisidine	90-04-0	mg/kg	5	ND	ND	N.D.
<b>Conclusion</b>				<b>Pass</b>	<b>Pass</b>	

**Remark:** ND = Not Detected  
RL = Reporting Limit

**Notes:** (1) \*Direct reduction refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses.  
\*Colorant extraction refers to the colourant extraction and subsequent reduction according to



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EN ISO 14362-1:2017 Clause 10.1 and relevant clauses.  
 (2) EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.  
 (3) The result interpretation and assessment guide according to Annex C of EN ISO 14362-1:2017 should be taken into account when assessing the source of amine.

**EN ISO 21420:2020+A1:2024 Clause 4.2 Azo Dyes for Leather**

**Test Method:** Leather: With reference to EN ISO 17234-1:2020, analysis was performed by GC-MS/HPLC-DAD. Determination of 4-aminoazobenzene (CAS No.:60-09-3): With reference to EN ISO 17234-2:2011, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS No.	Unit(s)	RL	1+4+6	Req.
4-Aminobiphenyl	92-67-1	mg/kg	5	ND	N.D.
Benzidine	92-87-5	mg/kg	5	ND	N.D.
4-Chlor-o-toluidine	95-69-2	mg/kg	5	ND	N.D.
2-Naphthylamine	91-59-8	mg/kg	5	ND	N.D.
o-Aminoazotoluene	97-56-3	mg/kg	5	ND	N.D.
5-Nitro-o-Toluidine/2-Amino-4-Nitrotoluene	99-55-8	mg/kg	5	ND	N.D.
4-Chloroaniline	106-47-8	mg/kg	5	ND	N.D.
4-Methoxy-m-Phenylenediamine/2,4-Diaminoanisole	615-05-4	mg/kg	5	ND	N.D.
4,4'-Diaminodiphenylmethane, MDA	101-77-9	mg/kg	5	ND	N.D.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	ND	N.D.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	ND	N.D.
3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	ND	N.D.
4,4'-methylene-di-o-Toluidine/3,3'-Dimethyl-4,4'-Diaminodiphenylmethane	838-88-0	mg/kg	5	ND	N.D.
p-Cresidine	120-71-8	mg/kg	5	ND	N.D.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	ND	N.D.
4,4'-Oxydianiline	101-80-4	mg/kg	5	ND	N.D.
4,4'-Thiodianiline	139-65-1	mg/kg	5	ND	N.D.
o-Toluidine	95-53-4	mg/kg	5	ND	N.D.
4-Methyl-m-Phenylenediamine/2,4-Toluyldiamine, TDA	95-80-7	mg/kg	5	ND	N.D.
2,4,5-Trimethylaniline	137-17-7	mg/kg	5	ND	N.D.
4-Aminoazobenzene	60-09-3	mg/kg	5	ND	N.D.
O-Anisidine	90-04-0	mg/kg	5	ND	N.D.

**Conclusion**

**Pass**

**Remark:** ND = Not Detected  
 RL = Reporting Limit

**Notes:** (1) EN ISO 17234-1:2020 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 17234-2:2011 will be employed to verify the presence of 4-AAB.  
 (2) The result interpretation and assessment guide according to Annex C of EN ISO 17234-1:2020 should be taken into account when assessing the source of amine.



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**EN ISO 21420:2020+A1:2024 Clause 4.2 Hexavalent Chromium(CrVI)**

**Test Method:** With reference to ISO 17075-2:2017, analysis was performed with IC-UV.

Test Item(s)	Unit(s)	RL	1	4	6	Req.
Hexavalent Chromium (CrVI)	mg/kg	3.0	ND	ND	ND	3
df	-	-	1.0000	1.0000	1.0000	-
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	

**Remark:** ND = Not Detected  
RL = Reporting Limit

**Sample Photo**



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

\*\*\*End of Report\*\*\*



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