

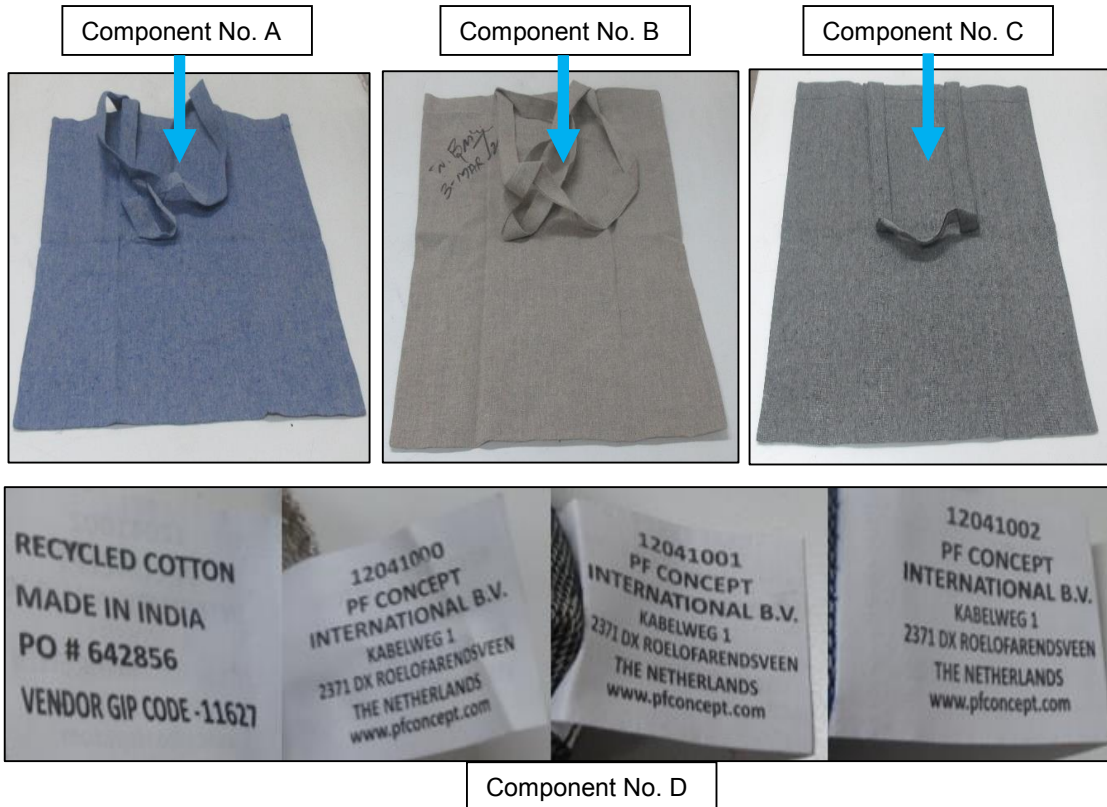


South Asia

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

Sample Images (As Received)



Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Laboratory:
TUV SUD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email : Anuradha.Dhamija@tuv-sud.in
www.tuv-sud.in

Registered Office:
TUV SUD South Asia Pvt. Ltd.
TUV SUD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TUV[®]
Page 1 of 8

Test Report No. GGN/H(M)/20/000304
Dated 2020.03.13



Applicant / Company name : Polyconcept GBS
Address : Floor 5th, Hero Building, 2669 Xietu Road, Shanghai (China)
Attention / Contact person : Jasmine Gu / Ivy Xu / Amoi Jiang
Tested sample : Received on 2020.03.05 at 03:04 p.m.
Test period : 2020.03.06 to 2020.03.13
Article description : Pheebis recycled ctn tote- HNT; Pheebis recycled ctn tote- HBK;
Pheebis recycled ctn tote- HBL;
Style No. / Item No. : 12041000, 12041001, 12041002
PO No. : 642856
Supplier : 11627 (Factory no.: #13298)
Country of origin : India
Country / Region of destination : EU
Objective(s) of examination : 1. Total Lead content
2. Total Cadmium content
3. Azo dyes
4. Formaldehyde content
5. Hexavalent Chromium {Cr (VI)}
6. Dimethyl Formamide (DMFA)/ N,N-dimethyl formamide
7. PFOA (Pentadecafluorooctanoic acid)
8. PFOS (Perfluorooctane sulfonic acid and its derivatives)

Note: The submitted sample(s) is/are Not Drawn by the Laboratory

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link- <http://www.tuv-sud.in/in-en/resource-centre/terms-and-conditions>

Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email : Anuradha.Dhamija@tuv-sud.in
www.tuv-sud.in

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TÜV®
Page 2 of 8

Test Report No. GGN/H(M)/20/000304
Dated 2020.03.13



Remarks:

1. Sample(s) is / are tested as on-received basis.
2. Test(s) performed as requested by applicant.
3. Selection of material(s) and component(s) for testing was done as specified by applicant. Also, sampling plan was confirmed by applicant.
4. Tests PFOA, PFOS and DMFA were subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet (India).
5. As requested by applicant, conclusions of the tests were drawn as per / against specification(s) / compliance requirement(s) / Limit Max. specified by applicant.

Authorized By

A handwritten signature in black ink, appearing to read 'R. Tyagi', is positioned above a horizontal line.

Robin Kumar Tyagi
(Authorised Signatory)

Please Contact:

For any technical issues: Anuradha Dhamija at Anuradha.Dhamija@tuv-sud.in
For any complaint: Krishna Deori at Krishna.Deori@tuv-sud.in

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link- <http://www.tuv-sud.in/in-en/resource-centre/terms-and-conditions>

Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email : Anuradha.Dhamija@tuv-sud.in
www.tuv-sud.in

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

TUV®
Page 3 of 8

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

Summary of Test Result(s):

S. No.	Test(s)	Conclusion (*1)
1.	Total Lead content	Pass
2.	Total Cadmium content	Pass
3.	Azo dyes	Pass
4.	Formaldehyde content	Pass
5.	Hexavalent Chromium {Cr (VI)}	Pass
6.	Dimethyl Formamide / N,N-dimethyl formamide	Pass
7.	PFOA (Pentadecafluorooctanoic acid)	Pass
8.	PFOS (Perfluorooctane sulfonic acid and its derivatives)	Pass
(*1) For details regarding specification(s) / regulation(s) based on which compliance is decided, refer test details.		

Material list / List of materials (As confirmed by applicant)

Component No.	Component description	Material	Colour
A	Lt. Blue Colour Base with Handle Fabric	Cotton (Dyed)	Lt. blue
B	Lt. Grey Colour Base with Handle Fabric	Cotton (Dyed)	Lt. Grey
C	Dk. Grey Colour Base with Handle Fabric	Cotton (Dyed)	Dk. Grey
D	Label (Printed)	Polyester	Black & White

Sampling plan (As requested by applicant)

S. No.	Test	Component No.
1.	Total lead content	A+B+C
2.	Total cadmium content	D
3.	Azo dyes	A+B+C
4.	Formaldehyde content	A+B+C
5.	Hexavalent Chromium {Cr (VI)}	A+B+C
6.	Dimethyl Formamide / N,N-dimethyl formamide	A+B+C
7.	PFOA (Pentadecafluorooctanoic acid)	A+B+C
8.	PFOS (Perfluorooctane sulfonic acid and its derivatives)	A+B+C

Note: (1) General Terms & Conditions as mentioned overleaf, (2) The results relate only to the items tested, (3) The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

Test Result(s):

Total lead content					
Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 63);					
Test method(s) adopted: In-house method (GTP_Chem_CPS_25134B) (Acid digestion followed by analysis using ICP-MS);					
Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).					
S. No.	Component No.	Test Result (mg/kg)	Limit of Quantification (mg/kg)	Compliance Requirement(s) / Limit Max	Conclusion
1.	A+B+C	ND	10.0	Less than 500 mg/kg	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

Total cadmium content					
Test Specification(s) / Regulation(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 23);					
Test method(s) adopted: In-house method (GTP_Chem_CPS_25134B) (Acid digestion followed by analysis using ICP-MS);					
Equipment(s) used: Inductively Coupled Plasma – Mass Spectrometer (ICP – MS).					
S. No.	Component No.	Test Result (mg/kg)	Limit of Quantification (mg/kg)	Compliance Requirement(s) / Limit Max	Conclusion
1.	D	ND	10.0	Less than 100 mg/kg	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

Azo Dyes				
Test Specification(s): REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 43);				
Test method(s) adopted: Based on EN 14362-1 & 3 :2017,				
Equipment(s) used: GC – MS (Gas Chromatograph – Mass Spectrometer).				
S.No.	AMINE	CAS No.	Result (mg/kg)	Limit max
			Component No. A+B+C	
1.	4-aminobiphenyl	92-67-1	ND	30 mg/kg (for each)
2.	Benzidine	92-87-5	ND	
3.	4-chloro-o-toluidine	95-69-2	ND	
4.	2-naphthylamine	91-59-8	ND	
5.	o-aminoazotoluene / 4-amino-2',3'-dimethylazobenzene / 4-o-tolylazo-o-toluidine	97-56-3	ND	
6.	2-amino-4-nitrotoluene / 5-nitro-o-toluidine	99-55-8	ND	
7.	4-chloroaniline / p-chloroaniline	106-47-8	ND	
8.	2,4-diaminoanisole / 4-methoxy-m-phenylenediamine	615-05-4	ND	
9.	4, 4'-methylenedianiline / 4, 4'-diaminodiphenylmethane	101-77-9	ND	
10.	3,3'-dichlorobenzidine / 3,3'-dichlorobiphenyl-4,4'-xylenediamine	91-94-1	ND	
11.	3,3'-dimethoxybenzidine / o-dianisidine	119-90-4	ND	
12.	3,3'-dimethylbenzidine / 4,4'-bi-o-toluidine	119-93-7	ND	
13.	3,3'-dimethyl-4,4'diaminodiphenylmethane / 4,4'-methylenedi-o-toluidine	838-88-0	ND	
14.	p-cresidine / 6-methoxy-m-toluidine	120-71-8	ND	
15.	4,4'-methylene-bis-(2-chloroaniline) / 2,2'-dichloro-4,4'-methylene-dianiline	101-14-4	ND	
16.	4,4'-oxydianiline	101-80-4	ND	
17.	4,4'-thiodianiline	139-65-1	ND	
18.	o-toluidine / 2-aminotoluene	95-53-4	ND	
19.	4-methyl-m-phenylenediamine / 2,4-toluenediamine	95-80-7	ND	
20.	2,4,5-trimethylaniline	137-17-7	ND	
21.	o-anisidine / 2-methoxyaniline	90-04-0	ND	
22.	4-amino azobenzene	60-09-3	ND	
Overall conclusion			Pass	
Limit of quantification: 5.0 mg/kg (for each of the 22 amines);				
Note for common abbreviations used in this report: (1) "mg/kg" denotes milligram per kilogram, & is equivalent to "ppm" (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.				

Note: (1) General Terms & Conditions as mentioned overleaf, (2) The results relate only to the items tested, (3) The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

Formaldehyde content					
Test specification(s): Applicant's / Client's specification(s);					
Test method(s) adopted: ISO 14184 -1: 2011;					
Equipment(s) used: UV (Ultra Violet) – VIS (Visible) Spectrophotometer.					
S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	A+B+C	ND	10.0	30.0	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

Hexavalent Chromium {Cr(VI)}					
Test specification(s): Applicant's / Client's specification(s) in line with REACH Regulation (EC) No 1907/2006 (Annex XVII) & its amendments (Entry level / No.: 47);					
Test method(s) adopted: Applicant's / Client's specified method with reference to ISO 17075-1:2017;					
Equipment(s) used: UV (Ultra Violet) – VIS (Visible) Spectrophotometer.					
S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max	Conclusion
1.	A+B+C	ND	3.0	Less than 3 mg/kg	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

Dimethyl Formamide / N,N-dimethyl formamide (CAS No. 68-12-2) (#1)					
Test specification(s): REACH SVHC (Substances of very high concern);					
Test method(s) adopted: In-house method;					
Equipment(s) used: GC – MS (Gas Chromatograph – Mass Spectrometer).					
S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	A+B+C	ND	10.0	1000	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

(#1) Marked test was subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet (India).

Note: (1) General Terms & Conditions as mentioned overleaf, (2) The results relate only to the items tested, (3) The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email : Anuradha.Dhamija@tuv-sud.in
www.tuv-sud.in

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India

Test Report No. GGN/H(M)/20/000304

Dated 2020.03.13

PFOA (Pentadecafluorooctanoic acid) (#1)					
Test specification(s): REACH SVHC (Substances of very high concern);					
Test method(s) adopted: In-house method (GTP_Chem_CPS_25130B);					
Equipment(s) used: LC – MS (Liquid Chromatograph – Mass Spectrometer).					
S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	A+B+C	ND	1.0	1000	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

PFOS (Perfluorooctane sulfonic acid and its derivatives) (#1)					
Test specification(s): POP Regulation (EU) 2019/1021 on persistent organic pollutants;					
Test method(s) adopted: In-house method (GTP_Chem_CPS_25130B);					
Equipment(s) used: GC – MS (Gas Chromatograph – Mass Spectrometer);					
S. No.	Component No.	Test Result (mg/kg)	Limit of quantification (mg/kg)	Compliance Requirement(s) / Limit Max (mg/kg)	Conclusion
1.	A+B+C	ND	1.0	10	Pass
Note: (1) "mg/kg" denotes milligram per kilogram & is equivalent to ppm (parts per million); (2) "ND" denotes Not Detected or below limit of quantification.					

(#1) Marked test was subcontracted to TÜV SÜD South Asia Pvt. Ltd., Ranipet (India).

--- END OF THE TEST REPORT ---

Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory, (4) For details of the accredited scope please contact the laboratory or Accreditation body

Laboratory:
TÜV SÜD South Asia Pvt. Ltd.
373 Udyog Vihar Phase II
Sector 20
Gurgaon – 122016

Phone : +91 (124) 6199699
Email : Anuradha.Dhamija@tuv-sud.in
www.tuv-sud.in

Registered Office:
TÜV SÜD South Asia Pvt. Ltd.
TÜV SÜD House
Off Saki Vihar Road
Saki Naka, Andheri (East),
Mumbai – 400072. India