



STC
Test Report

Date : 2020-10-28
No. : HC20100501

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Applicant(Code:01325765): 3i Corporation Limited
Unit B 4/F Chiap King Industrial Building
114 King Fuk Street
San Po Kong Kln HK

Description of Sample(s) : Six submitted samples said to be Masklab Pattern Printed 3ply
Surgical Mask.
Country of Origin : HK

Date Sample(s) Received : 2020-10-20

Date Tested : 2020-10-21 to 2020-10-28

Investigation Requested : Detection of Banned Azo Colourants

Method(s) Used : Ref. EN 14362-1:2017

Conclusion(s) : The test results of the submitted samples **complied** with the Azo colorants requirements in Annex XVII Item 43 of the REACH Regulation (EC) No. 1907/2006 (Formerly know as Directive 2002/61/EC).



CHUNG On Ping, Karen
Authorized Signatory
Chemical and Food Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.



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Test Result(s):

Detection of Banned Azo Colourants

Name of aromatic amines	CAS No.	Masklab pattern printed 3ply surgical mask - Lilac Petals (Top Layer)	Masklab pattern printed 3ply surgical mask - Urban Marble (Top Layer)	Limit
4-aminobiphenyl	92-67-1	Not Detected	Not Detected	30 ppm
Benzidine	92-87-5	Not Detected	Not Detected	30 ppm
4-Chloro-o-toluidine	95-69-2	Not Detected	Not Detected	30 ppm
2-Naphthylamine	91-59-8	Not Detected	Not Detected	30 ppm
4-o-Tolylazo-o-toluidine	97-56-3	Not Detected	Not Detected	30 ppm
5-Nitro-o-toluidine	99-55-8	Not Detected	Not Detected	30 ppm
4-Chloroaniline	106-47-8	Not Detected	Not Detected	30 ppm
4-Methoxy-m-phenylenediamine	615-05-4	Not Detected	Not Detected	30 ppm
4,4'-Methylenedianiline	101-77-9	Not Detected	Not Detected	30 ppm
3,3'-Dichlorobenzidine	91-94-1	Not Detected	Not Detected	30 ppm
3,3'-Dimethoxybenzidine	119-90-4	Not Detected	Not Detected	30 ppm
3,3'-Dimethylbenzidine	119-93-7	Not Detected	Not Detected	30 ppm
4,4'-Methylenedi-o-toluidine	838-88-0	Not Detected	Not Detected	30 ppm
6-Methoxy-m-toluidine	120-71-8	Not Detected	Not Detected	30 ppm
2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	Not Detected	Not Detected	30 ppm
4,4'-Oxydianiline	101-80-4	Not Detected	Not Detected	30 ppm
4,4'-Thiodianiline	139-65-1	Not Detected	Not Detected	30 ppm
o-Toluidine	95-53-4	Not Detected	Not Detected	30 ppm
4-Methyl-m-phenylenediamine	95-80-7	Not Detected	Not Detected	30 ppm
2,4,5-Trimethylaniline	137-17-7	Not Detected	Not Detected	30 ppm
2-Methoxyaniline	90-04-0	Not Detected	Not Detected	30 ppm
4-Aminoazobenzene	60-09-3	Not Detected	Not Detected	30 ppm
Conclusion(s)		Pass	Pass	



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Name of aromatic amines	CAS No.	Masklab pattern printed 3ply surgical mask - Purple Diamond (Top Layer)	Masklab pattern printed 3ply surgical mask - Rose Forest (Top Layer)	Limit
4-aminobiphenyl	92-67-1	Not Detected	Not Detected	30 ppm
Benzidine	92-87-5	Not Detected	Not Detected	30 ppm
4-Chloro-o-toluidine	95-69-2	Not Detected	Not Detected	30 ppm
2-Naphthylamine	91-59-8	Not Detected	Not Detected	30 ppm
4-o-Tolylazo-o-toluidine	97-56-3	Not Detected	Not Detected	30 ppm
5-Nitro-o-toluidine	99-55-8	Not Detected	Not Detected	30 ppm
4-Chloroaniline	106-47-8	Not Detected	Not Detected	30 ppm
4-Methoxy-m-phenylenediamine	615-05-4	Not Detected	Not Detected	30 ppm
4,4'-Methylenedianiline	101-77-9	Not Detected	Not Detected	30 ppm
3,3'-Dichlorobenzidine	91-94-1	Not Detected	Not Detected	30 ppm
3,3'-Dimethoxybenzidine	119-90-4	Not Detected	Not Detected	30 ppm
3,3'-Dimethylbenzidine	119-93-7	Not Detected	Not Detected	30 ppm
4,4'-Methylenedi-o-toluidine	838-88-0	Not Detected	Not Detected	30 ppm
6-Methoxy-m-toluidine	120-71-8	Not Detected	Not Detected	30 ppm
2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	Not Detected	Not Detected	30 ppm
4,4'-Oxydianiline	101-80-4	Not Detected	Not Detected	30 ppm
4,4'-Thiodianiline	139-65-1	Not Detected	Not Detected	30 ppm
o-Toluidine	95-53-4	Not Detected	Not Detected	30 ppm
4-Methyl-m-phenylenediamine	95-80-7	Not Detected	Not Detected	30 ppm
2,4,5-Trimethylaniline	137-17-7	Not Detected	Not Detected	30 ppm
2-Methoxyaniline	90-04-0	Not Detected	Not Detected	30 ppm
4-Aminoazobenzene	60-09-3	Not Detected	Not Detected	30 ppm
Conclusion(s)		Pass	Pass	



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Name of aromatic amines	CAS No.	Masklab pattern printed 3ply surgical mask - Malibu Sunset (Top Layer)	Masklab pattern printed 3ply surgical mask - Venetian Plaid (Top Layer)	Limit
4-aminobiphenyl	92-67-1	Not Detected	Not Detected	30 ppm
Benzidine	92-87-5	Not Detected	Not Detected	30 ppm
4-Chloro-o-toluidine	95-69-2	Not Detected	Not Detected	30 ppm
2-Naphthylamine	91-59-8	Not Detected	Not Detected	30 ppm
4-o-Tolylazo-o-toluidine	97-56-3	Not Detected	Not Detected	30 ppm
5-Nitro-o-toluidine	99-55-8	Not Detected	Not Detected	30 ppm
4-Chloroaniline	106-47-8	Not Detected	Not Detected	30 ppm
4-Methoxy-m-phenylenediamine	615-05-4	Not Detected	Not Detected	30 ppm
4,4'-Methylenedianiline	101-77-9	Not Detected	Not Detected	30 ppm
3,3'-Dichlorobenzidine	91-94-1	Not Detected	Not Detected	30 ppm
3,3'-Dimethoxybenzidine	119-90-4	Not Detected	Not Detected	30 ppm
3,3'-Dimethylbenzidine	119-93-7	Not Detected	Not Detected	30 ppm
4,4'-Methylenedi-o-toluidine	838-88-0	Not Detected	Not Detected	30 ppm
6-Methoxy-m-toluidine	120-71-8	Not Detected	Not Detected	30 ppm
2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	Not Detected	Not Detected	30 ppm
4,4'-Oxydianiline	101-80-4	Not Detected	Not Detected	30 ppm
4,4'-Thiodianiline	139-65-1	Not Detected	Not Detected	30 ppm
o-Toluidine	95-53-4	Not Detected	Not Detected	30 ppm
4-Methyl-m-phenylenediamine	95-80-7	Not Detected	Not Detected	30 ppm
2,4,5-Trimethylaniline	137-17-7	Not Detected	Not Detected	30 ppm
2-Methoxyaniline	90-04-0	Not Detected	Not Detected	30 ppm
4-Aminoazobenzene	60-09-3	Not Detected	Not Detected	30 ppm
Conclusion(s)		Pass	Pass	

Notes: - ppm denotes part(s) per million
- Reporting limit of Azo Colourants is 5 ppm

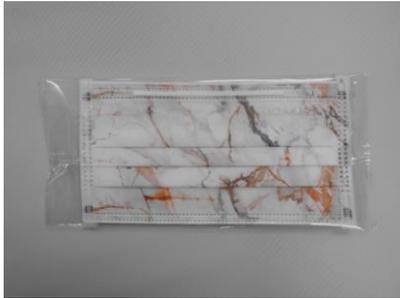


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Photo(s):

Masklab pattern printed 3ply surgical mask - Lilac Petals	Masklab pattern printed 3ply surgical mask - Urban Marble
	
Masklab pattern printed 3ply surgical mask - Purple Diamond	Masklab pattern printed 3ply surgical mask - Rose Forest
	
Masklab pattern printed 3ply surgical mask - Malibu Sunset	Masklab pattern printed 3ply surgical mask - Venetian Plaid
	

******* End of Test Report *******

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