

Test Report No.: GZHG1007008912OG Date: AUG 05, 2010 Page 1 of 3

HOMEDICS GROUP LTD HOMEDICS HOUSE, SOMERHILL BUSINESS PARK, FIVE OAK GREEN ROAD, TONBRIDGE, KENT TN11 0GP ENGLAND

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

Sample Description : FOOT AND CALF MASSAGER

 SGS Ref No.
 : GZES1007001179HS

 SGS Job No.
 : GZ1007080781/CHEM

Model No. : FC-200H-EU, FC-200H-GB

Product Category : MASSAGE

Electrical Rating : 220-240V / 50-60HZ.45W

Buyer : HOMEDICS

Manufacturer/Supplier : GUAN ZHANG ELECTRICAL (SHEN ZHEN) CO., LTD

Country of Origin : CHINA

Country of Destination : UK AND EU
Sample Receiving Date : JUL 15, 2010

Testing Period : JUL 15, 2010 TO JUL 21, 2010

	Test Requested	Result
1)	Determination of Azodyes in the submitted sample(s) with reference to the Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC)	PASS
	No. 1907/2006 (previously restricted under Directive 2002/61/EC).	

Signed for and on behalf of SGS-CSTC Ltd.

Shiny Hu V Senior Engineer

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Attention: To the law of the standard of the standard of the sample (s) tested and such sample(s) are retained for 30 days only.

199 Kezhu Road, Soientech Park Guargchnu Economic & Technology Development District, Guargchou China 510663 t (86-20) 82155555 f (86-20) 82075191 www.cn.sgs.com 中国・广州・经济技术开发区科学城科珠路198号 邮第: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com



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Results:

1)

Method: As per EN 14362-2:2003 & § 64 LFGB BVL B 82.02.9:2008.

Analysis was performed by GC-MS and HPLC.

No. 1	Analysis was performed by GC-IVIS and Hi		Result (ppm)
No. Forbidden Amines Substances			11 1
No. Forbidden Amines Substances			
No. Forbidden Amines Substances			
1. 4-Aminodiphenyl / xenylamine/ Biphenyl-4-ylamine 92-67-1 N.D. 2. Benzidine 3. 4-Chloro-o-toluidine 92-87-5 N.D. 4. 2-Naphthylamine 91-59-8 N.D. 5. o-Aminoazotoluene / 4-o-tolylazo-o-toluidine / 4-amino-2/3-dimethylazobenzene 97-56-3 N.D. 6. 2-Amino-4-nitrotoluo i/ 5-nitro-o-toluidine 99-55-8 N.D. 7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminodiphenylmethane / 4.4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bio-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thio	No. Forbidden Amines Substances	CAS-No.	
Biphenyl-4-ylamine 92-87-5 N.D.	1. 4-Aminodiphenyl / xenylamine/	02.67.1	
3. 4-Chloro-o-toluidine 95-69-2 N.D. 4. 2-Naphthylamine 91-59-8 N.D. 5. o-Aminoazotoluene / 4-o-tolylazo-o-toluidine / 4-amino-2/,3-dimethylazobenzene 97-56-3 N.D. 6. 2-Amino-4-nitrotoluo I/ 5-nitro-o-toluidine 99-55-8 N.D. 7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminoaliphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 119-90-4 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidi		92-07-1	N.D.
4. 2-Naphthylamine 91-59-8 N.D. 5. o-Aminoazotoluene / 4-o-tolylazo-o-toluidine / 4-amino-2',3-dimethylazobenzene 97-56-3 N.D. 6. 2-Amino-4-nitrotoluo // 5-nitro-o-toluidine 99-55-8 N.D. 7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminodiphenylmethane / 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 11. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyle-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 137-17-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D.	2. Benzidine	92-87-5	N.D.
5. o-Aminoazotoluene / 4-o-tolylazo-o-toluidine / 4-amino-2',3-dimethylazobenzene 97-56-3 N.D. 6. 2-Amino-4-nitrotoluo l/ 5-nitro-o-toluidine 99-55-8 N.D. 7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminodiphenylmethane / 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'-Dimethoxybenzidine / o-dianisidine 119-94-1 N.D. 12. 3,3'-Dimethylenedia-o-toluidine / 3,3'-Dimethylenedia-o-toluidine / 3,3'-Dimethylenedia-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 137-17-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3	3. 4-Chloro- <i>o</i> -toluidine	95-69-2	N.D.
4-amino-2',3-dimethylazobenzene 6. 2-Amino-4-nitrotoluo l/ 5-nitro-o-toluidine 99-55-8 N.D. 7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 11. 3,3'-Dimethoxybenzidine / o-dianisidine 11. 3,3'-Dimethybenzidine / o-dianisidine 11. 3,3'-Dimethylenedi-o-toluidine / 3,3'-Dimethylenedi-o-toluidine / 3,3'-Dimethylenedi-o-toluidine / 3,3'-Dimethylenedi-o-toluidine / 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 119-9-4 N.D. 17. 4,4'-Thiodianiline 119-9-5-3-4 N.D. 18. o-Toluidine / 2-aminotoluene 190-5-3-4 N.D. 190-2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 200. 2,4,5-Trimethylaniline 110-1-1-1 120-71-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1-1 130-1-1 130-1-1 130-1-1 130-1-1 130-1-1 130-1-1 130-1 130-1-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1 130-1	4. 2-Naphthylamine	91-59-8	N.D.
4-amino-2-,3-dimethylazobenzene 6. 2-Amino-4-nitrotoluo l/ 5-nitro-o-toluidine 7. p-Chloranilin / 4-chloroaniline 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 10. 3,3'-Dichlorobenzidine / 3,3'-Dichlorobenzidine / 3,3'-Dimethoxybenzidine / o-dianisidine 11. 3,3'-Dimethybenzidine / o-dianisidine 11. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 14. p-Cresidin / 6-methoxy-m-toluidine 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 16. 4,4'-Oxydianiline 17. 4,4'-Thiodianiline 18. o-Toluidine / 2-aminotoluene 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 20. 2,4,5-Trimethylaniline 10. D. 21. 4-Aminoazobenzene 22. o-Anisidine / 2-methoxyaniline 23. 2,4-Xylidine 24. 2,6-Xylidine 25. N.D. 26. Aylidine 27. N.D. 27. Aylidine 28. A-Go-7 3. N.D. 28. A-Go-7 3. N.D. 39-5-8-7 3. N.D. 39-5-8-1 39-5-8-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-1 39-6-	5. o-Aminoazotoluene / 4-o-tolylazo-o-toluidine /	07.56.2	ND
7. p-Chloranilin / 4-chloroaniline 106-47-8 N.D. 8. 2,4-Diaminoanisol / 4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethylbenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 95-68-1 N.D. <td></td> <td>97-56-3</td> <td>N.D.</td>		97-56-3	N.D.
8. 2,4-Diaminoanisol / 4-methoxy- <i>m</i> -phenylenediamine 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 14. p-Cresidin / 6-methoxy- <i>m</i> -toluidine 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 16. 4,4'-Oxydianiline 17. 4,4'-Thiodianiline 18. o-Toluidine / 2-aminotoluene 19. 2,4-Toluylendiamine / 4-methyl- <i>m</i> -phenylenediamine 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		99-55-8	N.D.
4-methoxy-m-phenylenediamine 615-05-4 N.D. 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.	,	106-47-8	N.D.
4-methoxy-m-pnenylenediamine 101-77-9 N.D. 9. 4,4'-Diaminodiphenylmethane / 4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 95-68-1 N.D. 23. 2,4-Xylidine 95-68-1 N.D.	,	615-05-4	ND
4,4-methylenedianiline 101-77-9 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 91-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 95-68-1 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		015-05-4	N.D.
4,4-methylenedianiline 91-94-1 N.D. 10. 3,3'-Dichlorobenzidine / 3,3'dichlorobiphenyl-4,4'-ylenediamine 119-90-4 N.D. 11. 3,3'-Dimethoxybenzidine / 0-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethylenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		101-77-9	ND
3,3'dichlorobiphenyl-4,4'-ylenediamine 119-94-1 N.D. 11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		101 77 3	N.D.
11. 3,3'-Dimethoxybenzidine / o-dianisidine 119-90-4 N.D. 12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		91-94-1	N.D.
12. 3,3'-Dimethybenzidine / 4,4'-bi-o-Toluidine 119-93-7 N.D. 13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		110.00.1	ND
13. 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane 838-88-0 N.D. 14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.			
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14. p-Cresidin / 6-methoxy-m-toluidine 120-71-8 N.D. 15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		838-88-0	N.D.
15. 4,4'-Methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		120 71 0	ND
2,2'-dichloro-4,4'methylene-dianiline 101-14-4 N.D. 16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		120-71-0	
16. 4,4'-Oxydianiline 101-80-4 N.D. 17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		101-14-4	N.D.
17. 4,4'-Thiodianiline 139-65-1 N.D. 18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		101-80-4	ND
18. o-Toluidine / 2-aminotoluene 95-53-4 N.D. 19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.	-		
19. 2,4-Toluylendiamine / 4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.			
4-methyl-m-phenylenediamine 95-80-7 N.D. 20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.			
20. 2,4,5-Trimethylaniline 137-17-7 N.D. 21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		95-80-7	N.D.
21. 4-Aminoazobenzene 60-09-3 N.D. 22. o-Anisidine / 2-methoxyaniline 90-04-0 N.D. 23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.		137-17-7	N.D.
23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.			
23. 2,4-Xylidine 95-68-1 N.D. 24. 2,6-Xylidine 87-62-7 N.D.	22. o-Anisidine / 2-methoxyaniline	90-04-0	N.D.
24. 2,6-Xylidine 87-62-7 N.D.	23. 2,4-Xylidine		N.D.
·			N.D.
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Note: 1. ppm = mg/kg

- 2. Method Detection Limit(MDL) = 5 ppm
- 3. N.D. = Not Detected (< MDL)
- 4. EN 14362-2 is corresponding to LFGB § 64 BVL B 82.02.4 1998 of German Commodities Ordinance.
- 5. The analysis detected the presence of aniline / 1,4-phenylenediamine which suggesting the probable presence of the forbidden amine 4-aminoazobenzene. Further testing using LFGB § 64 BVL B 82.02.9:2008 or ISO/DIS 17234-2:2009 is therefore recommended to confirm the presence of 4-aminoazobenzene.

Requirement : ≤ 30 ppm for each of No.1-22 aromatic amines according to Requirement of Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).No. 1-20, 22-24 – Client requirement.

Remark: Test specimen was taken randomly from the sample submitted by client/applicant.

Test Part Description:

No. 1 Black mesh sheet

Sample photo:



*** End of Report ***

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Attention: To the law of the standard of the standard of the sample (s) tested and such sample(s) are retained for 30 days only.

198 KezhuRoad, Scientech Part Guangchou Extraorio & Technology Development District Guangchou China 510663 t (86-20) 82155555 f (86-20) 82075191 www.cn.sgs.com 中国・广州・経済技术开发区科学収科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com