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TEST REPORT

NUMBER: SHAH0022416015

APPLICANT: HAINING DEER CHEMICALS CO., LTD.
 HAINING FARMING FOREIGN SYNTHESIS
 DEVELOPMENT, ZHEJIANG, CHINA.
 ATTN: YAO YU YAN

DATE: OCT 26, 2010

SAMPLE DESCRIPTION:

TWO (2) SUBMITTED SAMPLES SAID TO BE :
 DYESTUFF

(1A) YELLOW POWDER (ACID YELLOW 79 200%).

FABRIC IN

(1B) YELLOW (DYED WITH ACID YELLOW 79 200%, O.W.F.:5%).

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

TO BE CONTINUED

ORIGINAL

PREPARED AND CHECKED BY:
 FOR INTERTEK TESTING SERVICES
 LTD., SHANGHAI

AUTHORIZED BY:
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 LTD., SHANGHAI

MYRA LV
 CHEMICAL LAB SENIOR MANAGER

STEPHEN TSANG
 GENERAL MANAGER

TEST REPORT

NUMBER: SHAH0022416015

TESTS CONDUCTED

1 DETECTION OF AMINES IN DYESTUFF (AZO)

WITH REFERENCE TO AZOCOLOURANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC) NO. 1907/2006 & AMENDMENT NO.552/2009 (FORMERLY KNOWN AS DIRECTIVE 2002/61/EC), DETECTED BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) AND HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC-DAD) ANALYSIS.

	<u>FORBIDDEN AMINE</u>	<u>CAS NO.</u>	<u>RESULT</u> (1A)
1.	4-AMINODIPHENYL	92-67-1	ND
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	97-56-3	ND
6.	2-AMINO-4-NITROTOLUENE	99-55-8	ND
7.	P-CHLOROANILINE	106-47-8	ND
8.	2,4-DIAMINOANISOLE	615-05-4	ND
9.	4,4'-DIAMINODIPHENYLMETHANE	101-77-9	ND
10.	3,3'-DICHLOROBENZIDINE	91-94-1	ND
11.	3,3'-DIMETHOXYBENZIDINE	119-90-4	ND
12.	3,3'-DIMETHYLBENZIDINE	119-93-7	ND
13.	3,3'-DIMETHYL- 4,4'DIAMINODIPHENYLMETHANE	838-88-0	ND
14.	P-CRESIDINE	120-71-8	ND
15.	4,4'-METHYLENE-BIS(2-CHLOROANILINE)	101-14-4	ND
16.	4,4'-OXYDIANILINE	101-80-4	ND
17.	4,4'-THIODIANILINE	139-65-1	ND
18.	O-TOLUIDINE	95-53-4	ND
19.	2,4-TOLUYLENEDIAMINE	95-80-7	ND
20.	2,4,5-TRIMETHYLANILINE	137-17-7	ND
21.	O-ANISIDINE	90-04-0	ND
22.	4-AMINOAZOBENZENE	60-09-3	ND
23.	2,4-XYLIDINE	95-68-1	ND
24.	2,6-XYLIDINE	87-62-7	ND

REMARK: ND = NOT DETECTED

DETECTION LIMIT = 10 ppm

ppm = PARTS PER MILLION = mg/kg

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH0022416015

TESTS CONDUCTED

2 EXTRACTABLE HEAVY METALS

WITH REFERENCE TO (ISO 105-E04), BY INDUCTIVELY COUPLED ARGON PLASMA (ICP) AND UV-VISIBLE SPECTROPHOTOMETRY ANALYSIS.

<u>ELEMENT</u>	<u>RESULT (ppm)</u> (1B)
SOL. ANTIMONY (Sb)	<1.0
SOL. ARSENIC (As)	<0.1
SOL. LEAD (Pb)	<0.1
SOL. CADMIUM (Cd)	<0.03
SOL. MERCURY (Hg)	<0.01
SOL. COPPER (Cu)	<1.0
SOL. CHROMIUM (Cr-TOTAL)	<0.5
SOL. CHROMIUM VI (CrVI)	ND (<0.5)
SOL. COBALT (Co)	<0.3
SOL. NICKEL (Ni)	<0.3

REMARK : SOL. = SOLUBLE
< = LESS THAN
ND = NOT DETECTED
ppm = PARTS PER MILLION = mg/kg
DETECTION LIMIT FOR Cr(VI) = 0.5 ppm

DATE SAMPLE RECEIVED : OCT.15, 2010
TESTING PERIOD : OCT.15, 2010 TO OCT.21, 2010

END OF REPORT