

Report No.: HLI	=P14	03076E	Report Date: 2014-3-11	Page: 1 of 14
Company Name):	Leading Spo	nge Limited	
Address	f:S F	Shadun Indu	strialAreas,Zengbu,Chashan Town,I	Dongguan,Guangdong,China
The following sam	ple ir	nformation was	Submitted and Identified by the Clie	ent:
Sample Name	P	Activated car	rbon filter sponge	
Sample Model	-	15 1		
Sample Lot	9 :	I AS A		
Receiving Date	50	2014-3-5		
Complete Date	, : <	2014-3-11		
Test Requested	FP FP	of Very High Agency(ECH concerning th (2).Seven(7) Very High Co	dred-forty four (144) substances in th Concern (SVHC) for authorization p IA) on June 20, 2013 regarding Reg he REACH. substances in the Public Consultation oncern (SVHC) published by Europe 12, 2013 regarding Regulation (EC) N	ublished by European Chemicals ulation (EC) No 1907/2006 on List of potential Substances of an Chemicals Agency (ECHA) on
Test Method	5 <u>.</u> 5	FTS In-Hous colorimetric r	e method - Analyzed by ICP-OES, F method	PLM, UV/VIS, LC/MS ,GC/MS and
Test Results	: <	Please refer	to next page	
Summary			the specified scope and analytical to ns of all SVHC are <0.1% in the sub	

Prepared by:

Cathi Checked by: **Report Clerk**

Lab Senior Engineer

Approved by:

ic

Lab Supervisor

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Test Result:

Serial number	Test Item	CAS:No	EC:No	Unit	RLS	Result (A)
15	Anthracene	120-12-7	304-371-1	%	0.00002	N.D.
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	%	0.05	N.D.
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	5 %	0.005	9 N.D.
4	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	%	0.005	N.D.
5	Bis (2- ethyl(hexyl)phthalate(DEHP)	117-81-7	204-211-0	%	0.005	N.D.
₆ ۲	Musk xylene	81-15-2	201-329-4	%	0.005	N.D.
115 7 119	Hexabromocyclododecane(H BCDD)	25637-99-4、 3194-55-6、 134237-51-7 、134237-50- 6、134237- 52-8	247-148-4、 221-695-9	%	0.005	N.D.
8	Alkanes,C10-13,chloro	85535-84-8	287-476-5	%	0.01	N.D.
9	Bis(tributyltin)oxide***	56-35-9	200-268-0	%	0.005	N.D.
10	Cobalt dichloride***	7646-79-9	231-589-4	%	0.005	N.D.
11	Diarsenic pentaoxide***	1303-28-2	215-116-9	<u>~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0.005	N.D.
12	Diarsenic trioxide***	1327-53-3	215-481-4	%	0.005	N.D.
13	Triethyl arsenate***	15606-95-8	427-700-2	%	0.005	N.D.
14	Lead hydrogen arsenate***	7784-40-9	232-064-2	%	0.005	N.D.
15	Sodium chromate***	7775-11-3	231-889-5	%	0.005	N.D.

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16	Ammonium dichromate***	7789-9-5	232-143-1	%	0.005	N.D.
17	Potassium dichromate***	778-50-9	231-906-6	%	0.005	N.D.
18	Potassium chromate***	7789-00-6	232-140-5	%	0.005	N.D.
19	Sodium dichromate***	10588-01-9、 7789-12-0	234-190-3	%	0.005	N.D.
20	Chromium trioxide***	215-607-8	1333-82-0	%	0.005	N.D.
216	Acids generated from chromium trioxide and their oligomers:Chromic acid***	7738-94-5、 13530-68-2	7738-94-5、 13530-68-2	6%	0.005	N.D.
22	Strontium chromate***	7789-6-2	232-142-6	%	0.005	N.D.
23	Anthracene oil **	90640-80-5	292-602-7	%	0.00002	N.D.
24	Anthracene oil,anthracene paste,distn.lights **	91995-17-4	295-278-5	s %	0.00002	N.D.
25	Anthracene oil,anthracene paste,anthrancene fraction **	91995-15-2	295-275-9	%	0.00002	N.D.
26	Anthracene oil,anthracene- low **	90640-82-7	292-604-8	%	0.00002	N.D.
27	Anthracene oil,anthracene paste **	90640-81-6	292-603-2	%	0.00002	9 N.D.
28	Pitch,coal tar,high-temp. **	65996-93-2	266-028-2	%	0.05	N.D.
29	Aluminosilicate,Refractory Ceramic Fibres Al2O3: 43.5-47%w/w,and SiO2:49.5-53.5%w/w,or Al2O3:45.5-50.5%w/w,and SiO2:48.5-54%w/w***	S FIS FIS	650-017-00-8	%	0.05	N.D.

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30	Zirconia Aluminosilicate,Refractory Ceramic Fibres Al2O3: 35- 36%w/w,and SiO2:47.5- 50%w/w,and ZrO2:15- 17%w/w***		650-017-00-8	%	0.05	N.D.
31	DIBP(Di-isobutyl phthalate)	84-69-5	201-553-2	%	0.005	S N.D.
32	2,4-Dinitrotoluene	121-14-2	204-450-0	%	0.005	N.D.
33	chloroethyl)phosphate(TCEP	115-96-8	204-118-5	%	0.005	N.D.
34	Lead chromate***	7758-97-6	231-846-0	%	0.005	N.D.
35	Lead chromate molybdate sulphate red(C.I.Pigment Red 104)***	12656-85-8	235-759-9	%	0.005	N.D.
36	Lead sulfochromate yellow(C.I.Pigment Yellew 34)***	1344-37-2	215-693-7	%	0.005	N.D.
37	Acrylamide	1979-6-1	201-173-7	%	0.005	S N.D.
38	Boric acid***	10043-35-3、 11113-50-1	233-139-2、 234-343-4	%	0.005	N.D.
39	Disodium tetraborate,anhydrous***	1303-96-4、 1330-43-4、 12179-04-3	215-540-4	~ %	0.005	N.D.
40	Tetraboron disodium heptaoxide, hydrate***	12267-73-1	235-541-3	%	0.005	N.D.
41	Trichloroethylene	1979-1-6	201-167-4	%	0.01	N.D.
42	Cobalt(II) sulphate***	233-334-2	10124-43-3	%	0.005	6 N.D.
43	Cobalt(II) dinitrate***	233-402-1	10141-05-6	%	0.005	N.D.

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44	Cobalt(II) carbonate***	208-169-4	513-79-1	%	0.005	N.D.
45	Cobalt(II) diacetate***	200-755-8	71-48-7	%	0.005	N.D.
46	2-Methoxyethanol	203-713-7	109-86-4	%	0.005	N.D.
47	2-Ethoxyethanol	203-804-1	110-80-5	S %	0.005	N.D.
48	2-Ethoxyethyl acetate	111-15-9	203-924-4	%	0.005	N.D.
495	1,2-Benzenedicarboxylic acid,di-(C7-11)-branched and linear alkyl eaters	68515-42-4	271-084-6	%	0.01	N.D.
50	Hydrazine	7803-57-8、 302-01-2	206-114-9	%	0.005	N.D.
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	%	0.005	N.D.
52	1,2,3-trichloropropane	96-18-4	202-486-1	6 %	0.01	N.D.
53	1,2-Benzenedicarboxylic acid,di-(C6-8)-branched alkyl esters,C7-rich	71888-89-6	276-158-1	%5	0.01	N.D.
54	Arsenic acid***	7778-39-4	231-901-9	%	0.005	N.D.
55	Calcium arsenate***	7778-44-1	231-904-5	%	0.005	N.D.
56	Trilead diarsenate***	3687-31-8	222-979-5	%	0.005	N.D.
57	Lead diazide,Lead azide***	13424-46-9	236-542-1	S %	0.005	N.D.
58	Lead styphnate***	15245-44-0	236-290-0	%	0.005	N.D.
59	Lead dipicrate***	6477-64-1	229-335-2	%	0.005	N.D.

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60	Dichromium tris(chromate)***	24613-89-6	246-256-2	%	0.005	N.D.
61	Potassium hydroxyoctaoxodizincatedi- chromate***	11103-86-9	234-329-8	S %	0.005	N.D.
62	Pentazinc chromate octahydroxide***	49663-84-5	256-418-0	%	0.005	N.D.
63	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	%	0.005	N.D.
64	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	~%	0.005	N.D.
65	2-Methoxyaniline; o- Anisidine	90-04-0	201-963-1	%	0.005	N.D.
66	4-(1,1,3,3- tetramethylbutyl)phenol, (4- tert-Octylphenol)	140-66-9	205-426-2	%	0.005	N.D.
67	1,2-Dichloroethane	107-06-2	203-458-1	%	0.005	N.D.
68	Bis(2-methoxyethyl)ether	111-96-6	203-924-4	%	0.005	N.D.
69	N,N- dimethylacetamide(DMAC)	127-19-5	204-826-4	%	0.005	N.D.
70	(2,2'-dichloro-4,4'- methylenedianiline (MOCA)	101-14-4	202-918-9	%	0.005	N.D.
71	Phenolphthalein	1977-9-8	201-004-7	%	0.005	N.D.
72	1,2-bis(2-methoxyethoxy)eth ane(TEGDMEP;triglyme)	112-49-2	2003-977-3	s %	0.005	N.D.
73	1,2- dimethoxyethane;ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	%5	0.005	N.D.

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74	Diboron trioxide***	1303-86-2	215-125-8	%	0.05	N.D.
75	Formamide	1975-12-7	200-842-0	%	0.005	N.D.
76	Lead(II)bis(methanesulfonat e)***	17570-76-2	401-750-5	%	0.05	N.D.
77	TGIC(1,3,5- tris(oxiranylmethyl)-1,3,5- triaine246(1H,3H,5H)-trione)	2451-62-9	219-514-3	%	0.005	N.D.
78	β-TGIC(1,3,5-tris[(2sand2R)- 2,3-epoxypropyl]-1,3,5- triazine-2,4,6-(1H,3H,5H)- trione	59653-74-6	423-400-0	%	0.005	N.D.
79	4-[4,4'- bis(dimethylamino)benzhydr ylidene]cyclohexa-2,5-dien- 1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	%	0.005	N.D.S
80	4,4`- bis(dimethylamino)benzophe nohe(Michler`s ketone)	90-94-8	202-027-5	%	0.005	6 N.D.
81	N,N,N,`N`-TETRAMETHYL- 4,4`- methylenedianiline(Michler`s base)	101-61-1	202-959-2	s %	0.005	N.D.
82	[4-[[4-anilino-1-naphthyl][4- dimethylamino)phenyl]methyl ene]cyclohexa-2,5-dien-1- ylidene]dimethylammo nium chloride(C.I.Basic Blue26	2580-56-5	219-943-6	%	0.005	N.D.

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83	a,a- Bis[dimethylamino)phenyl]- 4(phenylamino)naphthalene- 1-methanol(C.I Solvent Blue4)	6786-83-0	229-851-8	%	0.005	N.D.
6 84	4,4`-bis(dimethylamino)-4``- (methylamino)trityl alcohol	561-41-1	209-218-2	%	0.005	N.D.
85	3-ethyl-2-methyl-2-(3- methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	%	0.005	N.D.
86	4-methyl-m- phenylenediamine (2,4- toluene-diamine)	95-80-7	202-453-1	%	0.005	N.D.
87	N-methylacetamide	79-16-3	201-182-6	%	0.005	N.D.
88	Pentalead tetraoxide sulphate***	12065-90-6	235-067-7	%	0.005	N.D.
89	Biphenyl-4-ylamine	92-67-1	202-177-1	5 %	0.005	9 N.D.
90	Dinoseb	88-85-7	201-861-7	%	0.005	N.D.
91	Dioxobis(stearato)trilead***	12578-12-0	235-702-8	%	0.005	N.D. (
92	Lead dinitrate***	10099-74-8	233-245-9	%	0.005	N.D.
93	Tetralead trioxide sulphate***	12202-17-4	235-380-9	<u></u> <u></u>	0.005	N.D.
< 94 ⁽	Lead oxide (lead monoxide)***	1317-36-8	215-267-0	%	0.005	N.D.
95	Lead titanium trioxide***	12060-00-3	235-038-9	%	0.005	N.D.
96	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	%	0.005	N.D.
97	Acetic acid, lead salt, basic***	51404-69-4	257-175-3	%	0.005	N.D.

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98	Dimethyl sulphate	77-78-1	201-058-1	%	0.005	N.D.
99	Furan	110-00-9	203-727-3	%	0.005	N.D.
100	Pyrochlore, antimony lead yellow***	8012-00-8	232-382-1	%	0.005	N.D.
101	Tetraethyllead***	78-00-2	201-075-4	%	0.005	N.D.
102	Dibasic lead phthalate (phthalate(2-dioxotrilead))***	69011-06-9	273-688-5	%	0.005	N.D.
103	Diethyl sulphate	64-67-5	200-589-6	%	0.005	N.D.
104	Lead cynamidate***	20837-86-9	244-073-9	%	0.005	S N.D. S
105	Silicic acid, barium salt, lead- doped***	68784-75-8	272-271-5	%	0.005	N.D.
106	Trilead dioxide phosphonate***	12141-20-7	235-252-2	%	0.005	N.D.
107	O-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	%	0.005	N.D.
108	O-aminoazotoluene	97-56-3	202-591-2	%	0.003	N.D.
109	4-Aminoazobenzene; 4- Phenylazoaniline	1960-9-3	200-453-6	s%	0.003	N.D.
S ¹¹⁰	6-methoxy-m-toluidine (p- cresidine)	120-71-8	204-419-1	%	0.005	N.D.
111	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	%	0.005	N.D.
112	Lead Titanium Zirconium Oxide***	12626-81-2	235-727-4	%	0.005	N.D.
113	Propylene oxide; 1,2- epoxypropane; methyloxirane	75-56-9	200-879-2	%	0.005	N.D.

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114	1-bromopropane	106-94-5	203-445-0	%	0.005	N.D.
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)** *	1319-46-6	215-290-6	%	0.005	N.D.
116	Fatty acids, C16-18, lead salts***	91031-62-8	292-966-7	%	0.005	N.D.S
117	Lead tetroxide (orange lead)***	1314-41-6	215-235-6	%	0.005	N.D.
118	Sulfurous acid, lead salt, dibasic***	62229-08-7	263-467-1	%	0.005	5 N.D.
119	4,4'-oxydianiline and its salts	101-80-4	202-977-0	%	0.005	N.D.
120	Basic lead sulphate (lead oxide sulphate)***	12036-76-9	234-853-7	6 % ⁶	0.005	N.D.
121	Lead bis(tetrafluoroborate)***	13814-96-6	237-486-0	%	0.005	N.D.S
122	Silicic acid, lead salt***	11120-22-2	234-363-3	%	0.005	N.D.
123	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	%	0.0005	S N.D.
124	Phenol, 4-nonyl-, branched and linear covering all individual isomers with an alkyl chain of carbon number 9 and UVCB substances which include linear and branched alkyl chains with a carbon number of 9	FIS FIS	ES ES	5 %	0.005	N.D.
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	%	0.005	N.D.
126	4-(1,1,3,3- tetramethylbutyl)phenol, ethoxylated		RP R	%	0.005	N.D.

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127	1,2-Diethoxyethane	629-14-1	211-076-1	%	0.005	N.D.
128	Hexahydromethylphathalic anhydride、Hexahydro-4- methylphathalic anhydride、 Hexahydro-1- methylphathalic anhydride、 Hexahydro-3- methylphathalic anhydride	25550-51-0、 19438-60-9、 48122-14-1、 57110-29-9	247-094-1、 243-072-0、 256-356-4、 260-566-1	%	0.005	N.D.
129	Cyclohexane-1,2- dicarboxylic anhydride	85-42-7	201-604-9	%	0.005	5 N.D.
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	%	0.005	N.D.
131	N-pentyl-isopentylphtalate	19 <u>-</u> 19	EL EL	%	0.005	N.D.
132	Heptacosafluorotetradecanoi c acid	376-06-7	206-803-4	5 %	0.01	S N.D.
133	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	%	0.01	N.D.
134	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	%	0.01	N.D.
135	Tricosafluorododecanoic acid	307-55-1	206-203-2	%	0.01	N.D.
136	Methoxy acetic acid	625-45-6	210-894-6	%	0.005	N.D.
137	Diisopentylphthalate	605-50-5	210-088-4	5 %	0.005	S N.D.
138	N,N-dimethylformamide; dimethyl formamide	1968-12-2	200-679-5	%	0.005	N.D.
139	Cadmium	7440-43-9	231-152-8	%	0.005	N.D.

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140	Cadmium oxide	1306-19-0	215-146-2	%	0.005	N.D.
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	%	0.01	N.D.
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	%	0.01	N.D.
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	%	0.005	N.D.
144	4 - nonyl phenol, branched or linear, ethoxy	AP I A		%	0.005	N.D.
145	Cadmium sulphide	1306-23-6	215-147-8	%	0.005	N.D.
146	Dihexyl phthalate	84-75-3	201-559-5	%	0.05	S_N.D. S
147	Disodium 3,3'-[[1,1'- biphenyl]-4,4'- diylbis(azo)]bis(4- aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	% %	0.05	N.D.
148	Disodium 4-amino-3-[[4'- [(2,4- diaminophenyl)azo][1,1'- biphenyl]-4-yl]azo] -5- hydroxy-6- (phenylazo)naphthalene-2,7- disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	%	0.05	N.D.
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	s %	0.05	N.D.
150	Lead di(acetate)	301-04-2	206-104-4	%	0.005	N.D.
151	Trixylyl phosphate	25155-23-1	246-677-8	%	0.05	N.D. (

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected tested and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be enjirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full. FLION TESTING SERVICE



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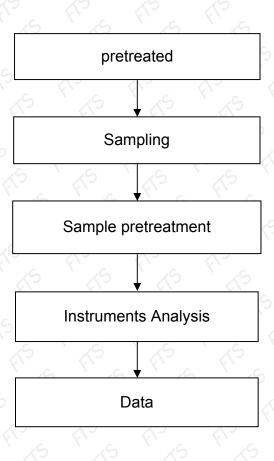
Note:1.1ppm=1mg/kg=0.0001%; 0.1wt%=1000ppm 2.N.D.=Not Detected(<RL)

3.RL=Reporting Limit; 4."-" = Not Regulated

5.**: The conecentrations of above-mentioned mixtures are evaluated per the gained composition rate between the selected marks and the mixtures.

6.***:The substance is calculated by using the test results of element (Ex. Tin, Arsenic, Lead, Cobalt,Cr (VI), Molybdenum,Aluminum, Silicon,Zirconium, Boron respectively,Cadmium(Cd),barium).

Testing Flow Chart:



In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected seted and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be enjirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.



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Sample Description: A: sponge

Attachment : the Photo of the submitted sample:



Note: The results show in this report is only responsible for the sample. The test report shall not be reproduced except in full, without written approval of the laboratory.

End of the report

In no circumstances shall the Company's responsibility extend beyond inspection, testing and reporting upon the samples actually drawn from the bulk and inspected seted and surveyed by the Company and any inference to be drawn from the results of such inspection or survey or testing shall be entirely in the discretion and at the sole and exclusive responsibility of the Principal. This test report cannot be reproduced except in full.

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