

TEST REPORT

YUNCHENG CHEMICAL INDUSTRIAL CO., LTD.

NO.19, KUANGWEN RD., SHANHUA , TAINAN 741, TAIWAN (R.O.C.)

REPORT NO.KE/2020/21158

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THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CLIENT AS :

SAMPLE DESCRIPTION : CALCIUM CARBONATE.
COLOR : WHITE.
STYLE/ITEM NO. : PAI IAN HUA (CC.CCR.DD)/LIGHT CALCIUM CARBONATE.
SAMPLE RECEIVED : 2020/02/24.
TESTING PERIOD : 2020/02/24 TO 2020/03/02.
SAMPLE SUBMITTED BY : YUNCHENG CHEMICAL INDUSTRIAL CO., LTD..

TEST REQUESTED : (1)AS SPECIFIED BY CLIENT, WITH REFERENCE TO RoHS 2011/65/EU ANNEX II AND AMENDING DIRECTIVE (EU) 2015/863 TO DETERMINE CADMIUM, LEAD, MERCURY, CR(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP CONTENTS IN THE SUBMITTED SAMPLE(S).
(2) PLEASE REFER TO NEXT PAGES FOR THE OTHER ITEM(S).
TEST RESULT(S) : PLEASE REFER TO NEXT PAGE(S).

Ray Chang
Ray Chang Ph.D. / Manager
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung



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TEST RESULT(S) :

TEST ITEM(S)	UNIT	METHOD	MDL	SPEC	RESULT	CONCL.
CHROMIUM VI	ppm	WITH REFERENCE TO IEC 62321-7-2:2017 AND PERFORMED BY UV-VIS.	8	<1000	n.d.	PASS
CADMIUM (Cd)	ppm	WITH REFERENCE TO IEC 62321-5:2013 AND PERFORMED BY ICP-OES.	2	<100	n.d.	PASS
MERCURY (Hg)	ppm	WITH REFERENCE TO IEC 62321-4:2013+AMD1:2017 AND PERFORMED BY ICP-OES.	2	<1000	n.d.	PASS
LEAD (Pb)	ppm	WITH REFERENCE TO IEC 62321-5:2013 AND PERFORMED BY ICP-OES.	2	<1000	n.d.	PASS
PHTHALATES	---	---	---	---	---	---
DI-ISOBUTYL PHTHALATE (DIBP) (CAS NO.84-69-5)	ppm	WITH REFERENCE TO IEC 62321-8:2017. ANALYSIS WAS PERFORMED BY GC/MS.	50	<1000	n.d.	PASS
DIBUTYL PHTHALATE (DBP) (CAS NO.84-74-2)	ppm	WITH REFERENCE TO IEC 62321-8:2017. ANALYSIS WAS PERFORMED BY GC/MS.	50	<1000	n.d.	PASS
BUTYL BENZYL PHTHALATE (BBP) (CAS NO.85-68-7)	ppm	WITH REFERENCE TO IEC 62321-8:2017. ANALYSIS WAS PERFORMED BY GC/MS.	50	<1000	n.d.	PASS
BIS(2-ETHYLHEXYL) PHTHALATE (DEHP) (CAS NO.117-81-7)	ppm	WITH REFERENCE TO IEC 62321-8:2017. ANALYSIS WAS PERFORMED BY GC/MS.	50	<1000	n.d.	PASS
POLYBROMINATED BIPHENYL (PBBs)	---	---	---	---	---	---
MONOBROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---

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TEST ITEM(S)	UNIT	METHOD	MDL	SPEC	RESULT	CONCL.
DIBROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
TRIBROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
TETRABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
PENTABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
HEXABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
HEPTABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
OCTABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
NONABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
DECABROMOBIPHENYL	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
SUM OF PBBs	ppm	---	---	<1000	n.d.	PASS
POLYBROMINTED BIPHENYL ETHERS (PBDEs)	---	---	---	---	---	---
MONOBROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
DIBROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---

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TEST ITEM(S)	UNIT	METHOD	MDL	SPEC	RESULT	CONCL.
TRIBROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
TETRABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
PENTABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
HEXABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
HEPTABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
OCTABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
NONABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
DECABROMODIPHENYL ETHER	ppm	WITH REFERENCE TO IEC 62321-6: 2015 AND PERFORMED BY GC/MS.	5	---	n.d.	---
SUM OF PBDEs	ppm	---	---	<1000	n.d.	PASS
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)	---	---	---	---	---	---
NAPHTHALENE (CAS NO.91-20-3)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC-MS.	0.1	---	n.d.	---
ACENAPHTHYLENE (CAS NO.208-96-8)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC-MS.	0.1	---	n.d.	---

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TEST ITEM(S)	UNIT	METHOD	MDL	SPEC	RESULT	CONCL.
ACENAPHTHENE (CAS NO.83-32-9)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
FLUORENE (CAS NO.86-73-7)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
PHENANTHRENE (CAS NO.85-01-8)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
ANTHRACENE (CAS NO.120-12-7)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
FLUORANTHENE (CAS NO.206-44-0)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
PYRENE (CAS NO.129-00-0)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[a]ANTHRACENE (CAS NO.56-55-3)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
CHRYSENE (CAS NO.218-01-9)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[b]FLUORANTHENE (CAS NO.205-99-2)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[k]FLUORANTHENE (CAS NO.207-08-9)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---

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TEST ITEM(S)	UNIT	METHOD	MDL	SPEC	RESULT	CONCL.
DIBENZO[a,h]ANTHRACENE (CAS NO.53-70-3)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[g,h,i]PERYLENE (CAS NO.191-24-2)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
INDENO[1,2,3-c,d]PYRENE (CAS NO.193-39-5)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO(a)PYRENE(BaP) (CAS NO.50-32-8)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[j]FLUORANTHENE (CAS NO.205-82-3)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
BENZO[e]PYRENE (CAS NO.192-97-2)	ppm	WITH REFERENCE TO AfPS GS 2014:01 PAK. ANALYSIS WAS PERFORMED BY GC- MS.	0.1	---	n.d.	---
SUM OF 18 PAHs	ppm	---	---	---	n.d.	---

NOTE 1 : mg/kg=ppm

NOTE 2 : MDL = METHOD DETECTION LIMIT.

NOTE 3 : n.d. = NOT DETECTED.

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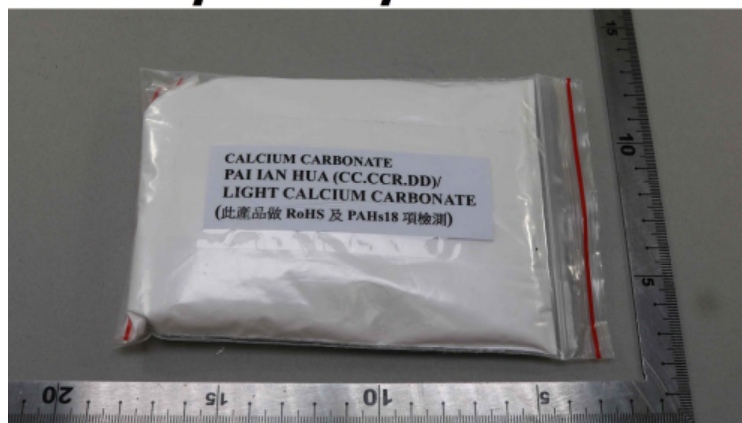
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SAMPLE PHOTO

(The tested sample / part is marked by an arrow if it's shown on the photo.)

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** END OF REPORT **

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