

TEST REPORT

Applicant	. 1	NINGBO SYNKEMI IMP.&EXP CO LTD
Address	:	Rm 5-4 DongHang Building No.796 East ZhongShan Rd, YinZhou District,
		NingBo China

Report on the submitted sample said to be:

Sample name	: LOTION PUMP, MINI TRIGGER SPRAYER
Trade Name	: N/A
Model(s)	: SK-07C, SK-06, SK-304B, SK-104A
Manufacturer	: NINGBO SYNKEMI IMP.&EXP CO LTD
Address	: Rm 5-4 DongHang Building No.796 East ZhongShan Rd, YinZhou District, NingBo China
Test conclusion	 Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs). Polybrominated diphenyl ethers (PBDEs), Bis (2-ethylhexyl)
	phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di Iso Butyl Ortho Phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
Testing period	: Oct. 26, 2020 to Nov. 03, 2020
Date of report	: Nov. 03, 2020

Testing Requested:	Results
Selected test(s) as requested by client	Pass

Prepared by:

Examine By :

helo m

Jimi zhao

Calvin Chen

Calvin Chen





Testing method:

- 1. With reference to IEC 62321-1:2013, review was performed for the samples disjointed from the submitted articles submitted by the Applicant
- Tests were performed for the samples indicated by the photos in the report with test methods reference to IEC 62321-1:2013, Procedures for the determination of Levels of Six regulated Substances in Electrotechnical Products
 - (1) With reference to IEC 62321-3-1:2013, Screening by XRF spectorscop
 - (2) Wet Chemical Test Method
 - a. With reference to IEC 62321-5:2013, Determination of Lead &Cadmium by ICP-OES or AAS
 - b. With reference to IEC 62321-4:2013+A1:2017, Determination of Mercury by ICP-OES
 - c. With reference to IEC 62321-7-1:2015, Determination of Hexavalent Chromium by Spot or Colorimetic Methodcd
 - d. With reference to IEC 62321-6:2015, Derermination of PBBs and PBDEs by GC-MS
 - e. With reference to IEC 62321-8:2017, determination of DEHP, DIBP, DBP and BBP by GC-MS

Note: OCE

The test results are related only to the tested items. The report shall note be reproduced excpt in full without the written approval of the testing laboratory.



Part No.	Part Description	Restricted Substance	Results of EDXRF	Result of wet Chemical Testing	Conclusion on RoHS	Sample submitted/ Resubmitted
	POUL	200	ド	(2mg/kg)	OF FU	Date
04	Black plastic (gland)	Pb	BL	PC PC	Comply	Nov. 03, 2020
	POU	Cd	BL	OCE	Comply	PU
	OCE	Hq	BL	PUC	Comply	POCE
	PO PO	Cr(VI)	BL	OCE	Comply	P
	TOCE	Br	BI	pue	Comply	POCE
	E PU P	DEHP	N	NDOE	Comply	-
	DOCE	BBP	IN	ND	Comply	POCE
	OF PO	DBP	ROG	NDOCE	Comply	E
	DUL BOCK	DIRP	IN		Comply	POCE
2	Transparent plastic	Dibi			Comply	Nov 03 2020
2				OF FU	Comply	1107. 03, 2020
	OCE		BL	0000 00	Comply	OCE
	POUL DOC	Hg	BL	CE PL	Comply	pO pO
	OCE	Cr(VI)	BL	POUL	Comply	-OCE .
	POUL	Br	BL	OF I	Comply	PUC
	CE	DEHP		POND	Comply	TOCE
	POUL	BBP	INCE	ND	Comply	P0-
	DE OCE	DBP	Y IN	ND	Comply	TOCE
42	POU	DIBP	IN	ND	Comply	e pos
3	straw	Pb	BL	POU	Comply	Nov. 03, 2020
	PUU	Cd	BL	OF -	Comply	OF PU
	OCE SOCE	Hg	BL	- por	Comply	200 200
	POC POC	Cr(VI)	BL	OCE -	Comply	OF FU
	POCE	Br	BL	- PC	Comply	00 ^L 0C
	PU-	DEHP	IN	OCND	Comply	OF PC
	POCE	BBP	IN	ND	Comply	POUL
	PI DE PI	DBP	IN	ND	Comply	OF T
	POCE	DIBP	IN	ND	Comply	POUL
4	Metal spring	Pb	BL	POCE	Comply	Nov. 03, 2020
	POUL	Cd	BL	E -	Comply	POUL
	DCE	Hg	BL	DOCE	Comply	E
	POUL	Cr(VI)	BL	CE .	Comply	POUL
	DOCE	Br	- PL	- pou	0	DOF
	POUL POUL	DEHP	OF .	OCE -	CE- F	- POC
	DOCE	BBP	Part P	. pC	JUL .	DOCE
	POL POL	DBP 💿	OCE	TOCE	-CF	- PL
	DOCE	DIBP		10-1	005	DOCE
P00	CE POCE PL	POCE	POCE	POCE	POCE	POCE



F	Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
	- PL	POUL	Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
C	E	OCE -CE	P	PU	(2mg/kg)	p	Date
	5	seal ring	Pb	BL	OCE -	Comply	Nov. 03, 2020
C	000	DOCE	Cd	BL	- p0	Comply	OCE DOC
	CE	PO POU	Hg ợ 🤇	BL	DOCE.	Comply	DE PU
5	0000	POCE	Cr(VI)	BL	PO P	Comply	POUL
	-CE	PU PU	Br	BL	DOCE	Comply	OF F
	pour	POCE	DEHP	IN	ND	Comply	POUL
2	~	E	BBP	IN	ND	Comply	CF.
-	PU	POUL	DBP	IN	ND	Comply	POUL
E	-	CE	DIBP	IN	ND	Comply	E
0	EF	POUL	POOR		CE	E	E POU



Remark:

- (1) (a) It is the result on total Br while test item on restricted is PBBs\PBDEs. It is the result on total Cr6+ while test item on restricted substances is Cr⁶⁺.
 - (b) Results are obtained by EDXRF for primary screening ,and further chemical testing by ICP(for Cd, Pb, Hg), UV-VIS(for Cr⁶⁺) and GC\MS (for PBBs, PBDEs) is recommended to be performed , if the concentration exceeds the below warning

Valu		2005 20	6
Element	Polymer	Metal	Composite Materals
Cd	BL≪ (70-3 σ) <x<(130+3)="" td="" σ="" ≪ol<=""><td>BL≪ (70-3 ♂) <x<(130+3)="" td="" ≪ol<="" ♂=""><td>LOD<x<(150+3)="" td="" ≤ol<="" ♂=""></x<(150+3></td></x<(130+3></td></x<(130+3>	BL≪ (70-3 ♂) <x<(130+3)="" td="" ≪ol<="" ♂=""><td>LOD<x<(150+3)="" td="" ≤ol<="" ♂=""></x<(150+3></td></x<(130+3>	LOD <x<(150+3)="" td="" ≤ol<="" ♂=""></x<(150+3>
Pb	BL≤ (700-3 σ) <x<(1300+3)="" td="" σ="" ≤ol<=""><td>BL≤ (700-3 ♂) <x<(1300+3)="" ≤<br="" ♂="">OL</x<(1300+3></td><td>BL≤ (500-3 σ) <x<(1500+3 td="" σ)="" ≤ol<=""></x<(1500+3></td></x<(1300+3>	BL≤ (700-3 ♂) <x<(1300+3)="" ≤<br="" ♂="">OL</x<(1300+3>	BL≤ (500-3 σ) <x<(1500+3 td="" σ)="" ≤ol<=""></x<(1500+3>
Hg	BL≪ (700-3 σ) <x<(1300+3)="" td="" σ="" ≪ol<=""><td>BL≤ (700-3 σ) <x<(1300+3)="" σ="" ≤<br="">OL</x<(1300+3></td><td>BL≤ (500-3 σ) <x<(1500+3)="" td="" σ="" ≤ol<=""></x<(1500+3></td></x<(1300+3>	BL≤ (700-3 σ) <x<(1300+3)="" σ="" ≤<br="">OL</x<(1300+3>	BL≤ (500-3 σ) <x<(1500+3)="" td="" σ="" ≤ol<=""></x<(1500+3>
Br	BL≤ (300-3 σ) <x< td=""><td>E. POCE PC</td><td>BL≪ (250-3 σ) <x< td=""></x<></td></x<>	E. POCE PC	BL≪ (250-3 σ) <x< td=""></x<>
Cr	BL≤ (700-3 σ) <x< td=""><td>BL≤ (700-3 σ) <x< td=""><td>BL≤ (500-3 σ) <x< td=""></x<></td></x<></td></x<>	BL≤ (700-3 σ) <x< td=""><td>BL≤ (500-3 σ) <x< td=""></x<></td></x<>	BL≤ (500-3 σ) <x< td=""></x<>

(c)BL=Below Limit, OL=Over Limit, IN=Inconclusive, LOD=Limit of Detection,-=Not Regulated,

- Negative = A negative test result indicated above p ositive observation was not found at the time of te sting. When the spot-test showed a negative result, the boiling-wat er-extraction procedure shall be used to verify the result.
 (#1) = As claimed by the declaration submitted by t he client, the Lead content of the components is co ming from the constituent of ceramic part of the electronic c omponent only. According to EU RoHS Directive, Lead in electronic ceramic parts of this component can be exempted.
- (d)The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition,
- (2) (a) mg\kg=ppm=0.0001%, ND=Not Detected{<MDL)),

(b)Unit and Method Detection Limit(MDL)in wet chemical test

Test Items	Units	MDL	EU RoHS Limit	
Pb	mg/kg	2	1000	
Cd	mg/kg	2	100	
Hg	mg/kg	2 CE	1000	
0	mallea	0.02 mg/50 cm ² (Metal)	1000	
Cr(VI)	mg/kg	2	1000	
PBBs	mg/kg	5	1000	
PBDEs	mg/kg	P005 00	1000	
DEHP PC	mg/kg	5	1000	
BBP	mg/kg	5 0	1000	
DBP	mg/kg	5	1000	
DIBP	mg/kg	5	1000	

- (c) According to IEC 62321, result on Cr for metal sample is shown as Positive\Negative, Negative=Absence of Cr6+ costing, Positive=Prosence of Cr 6+ coating.
- (d) ▲As declared by the client the materials fall into exemption items according to RoHS Directive 2011\65\EU recasting 2002\95\EC

H Building, Hongfa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: http://www.poce-cert.com Tel: 86-755-29113252 E-mail:service@poce-cert.com



Photograph of sample

POCE authenticate the photo on original report only



Photo 1

H Building, Hongfa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: http://www.poce-cert.com Tel: 86-755-29113252 E-mail:service@poce-cert.com