TEST REPORT

Report No: AR-26-SV-032315-01
Customer: ROKKO TECHNOLOGY SDN BHD
Date of Issue: 05/08/2026
JB Ref: 156-2026-07001158

Batch No: EUMYBM-00225711
Sample No: 138-2026-07005678

To: **ROKKO TECHNOLOGY SDN BHD**
17, Jalan Bukit 7,
Kawasan MIEL,
Seri Alam Fase III
81750 Masai
Johor MALAYSIA

Attn: Ms. Anu K. Gopalan

Date Sample Received: 30/07/2026
Date of Testing: 31/07/2026 to 05/08/2026

The following sample was identified by the customer as :
EFTEC64T

Client Sample Code: 156-2026-07001158

Objective (s):
1. Determination of Cadmium (Cd), Hexavalent Chromium (Cr6+), Lead (Pb), Mercury (Hg), Polybrominated Biphenyl (PBBs), Polybrominated Diphenyl Ether (PBDEs), Phthalates (BBP, DEHP, DBP and DiBP) with RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II).
2. Determination of Phthalates (DIDP, DINP, DNOP, DHXP, DMEP, DiHP), Hexabromocyclododecane (HBCDD), Antimony (Sb) and Beryllium (Be) for the above sample.
3. Determination of Bromine (Br), Chlorine (Cl), Iodine (I), and Fluorine (F) for the above sample.

Conclusion :

Test(s) Required	Compliance with Objective(s)
Cadmium (Cd),Lead (Pb), Mercury (Hg), Chromium VI, Monobromobiphenyl, Dibromobiphenyls, Tribromo biphenyls, Tetrabromo biphenyls, Pentabromo biphenyls,Hexabromo biphenyls, Heptabromobiphenyl, Octabromo biphenyls, Nonabromobiphenyls, Decabromo biphenyls, Sum Polybrominated Biphenyles (PBB),Monobromodiphenyl ether, Dibromodiphenylether, Tribromo diphenyl ethers, Tetrabromodiphenyl ethers, Pentabromodiphenyl ether, Hexabromo diphenyl ethers, Heptabromodiphenyl ethers, Octabromo diphenyl ethers, Nonabromo diphenyl ethers, Decabromodiphenyl ethers, Sum Polybrominated Diphenyl Ether (PBDE),Dibutyl phthalate (DBP), Benzyl butyl phthalate (BBP), Bis(2-ethylhexyl)phthalate (DEHP), Diisobutylphtalate (DiBP)	Comply
Di-n-octylphthalate (DNOP), Diisononyl phthalate (DINP), Diisodecyl phthalate (DIDP), Dihexyl phthalate (DHXP), Bis(2-methoxyethyl) phthalate (DMEP), DiisoHeptylphthalate (DiHP), Hexabromocyclododecane (HBCDD), Antimony (Sb) and Beryllium (Be), Bromine (Br), Chlorine (Cl), Iodine (I), Fluorine (F)	-

Test Result(s):

Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
SVK51	Cadmium (Cd)	mg/kg	<LOQ	1	IEC 62321-5:2013	≤100mg/kg
SVL03	Lead (Pb)	mg/kg	<LOQ	10	IEC 62321-5:2013	≤1000mg/kg
SVK82	Mercury (Hg)	mg/kg	<LOQ	5	IEC 62321-4:2013	≤1000mg/kg
SVK66	Hexavalent Chromium (Cr6+)	µg/cm²	negative	0.1	IEC 62321-7-1:2015	Refer Note 2
SVK16	**Polybrominated Biphenyl (PBBs)**				IEC 62321-6:2015	
	Monobromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
	Dibromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
	Tribromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
	Tetrabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
	Pentabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3

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Analysis		Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
		Hexabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
		Heptabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
		Octabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
		Nonabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
		Decabromo biphenyl	mg/kg	<LOQ	20		Refer Note 3
		Sum Polybrominated Biphenyls (PBBs)	mg/kg	<LOQ	20		≤1000mg/kg
SVK17		**Polybrominated Diphenyl Ether (PBDEs)**				IEC 62321-6:2015	
		Monobromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Dibromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Tribromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Tetrabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Pentabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Hexabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Heptabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Octabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Nonabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Decabromo diphenyl ether	mg/kg	<LOQ	20		Refer Note 3
		Sum Polybrominated Diphenyl Ethers (PBDEs)	mg/kg	<LOQ	20		≤1000mg/kg
SVV1N	◆	**Phthalates**				IEC 62321-8:2017	
		Benzyl butyl phthalate (BBP)	% (w/w)	<LOQ	0.02		≤0.1%
		Bis(2-ethylhexyl)phthalate (DEHP)	% (w/w)	<LOQ	0.02		≤0.1%
		Dibutyl phthalate (DBP)	% (w/w)	<LOQ	0.02		≤0.1%
		Di-isobutyl phthalate (DiBP)	% (w/w)	<LOQ	0.02		≤0.1%
		Diisodecyl phthalate (DIDP)	% (w/w)	<LOQ	0.02		-
		Diisononyl phthalate (DINP)	% (w/w)	<LOQ	0.02		-
		Di-n-octylphthalate (DNOP)	% (w/w)	<LOQ	0.02		-
SV03F	◆	Bis(2-methoxyethyl) phthalate (DMEP)	% (w/w)	<LOQ	0.01	In-house Method based on USEPA 3540C, GC-MS	-
SV01T	◆	Dihexyl phthalate (DHXP)	% (w/w)	<LOQ	0.01	In-house Method based on USEPA 3540C, GC-MS EUBM.SOP.TM.IP.26	-
SV03B	◆	DiisoHeptylphthalate (DiHP)	% (w/w)	<LOQ	0.01	In-house Method based on USEPA 3540C, GC-MS	-
SVM48	◆	Hexabromocyclododecane (HBCDD)	mg/kg	<LOQ	5	In-house Method, GC-MS	-
SVL43		Bromine (Br)	mg/kg	<LOQ	50	BS EN 14582:2016 (Calorimetric Bomb/Ion Chromatography)	-

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Analysis	Industrial Products Analysis	Unit	Result	LOQ	Test Method	Specification
SVL44	Chlorine (Cl)	mg/kg	<LOQ	50	BS EN 14582:2016 (Calorimetric Bomb/Ion Chromatography)	-
SVL53	Fluorine (F)	mg/kg	<LOQ	50	BS EN 14582:2016 (Calorimetric Bomb/Ion Chromatography)	-
SVL51	Iodine (I)	mg/kg	<LOQ	50	BS EN 14582:2016 (Calorimetric Bomb/Ion Chromatography)	-
SVK18	Antimony (Sb)	mg/kg	<LOQ	10	US EPA 6010C	-
SVK41	Beryllium (Be)	mg/kg	<LOQ	5	US EPA 6010C	-
SVJ93	Acid Digestion	-	Done	-	US EPA 3050B	-

Specification Note
1. RoHS Directive 2011/65/EU and (EU) 2015/863 (amendment in Annex II).
2. Expression result for Hexavalent Chromium:
i. Concentration of Hexavalent chromium (<0.10 µg/cm²) = Negative (sample coating is considered a non-Cr(VI) based coating)
ii. Concentration of Hexavalent chromium (≥0.10 µg/cm² and ≤0.13 µg/cm²) = Inconclusive (unavoidable coating variations may influence the determination)
iii.Concentration of Hexavalent chromium (>0.13 µg/cm²) = Positive (sample coating is considered to contain Cr(VI))
3. Based on sum amount of PBB/PBDE limit, which is ≤1000mg/kg.

Remark
1. The test portion was totally dissolved for cadmium, lead & mercury test by using pre-conditioning method as mentioned above.
2. IEC 62321 flowchart can be obtained from https://cdnmedia.eurofins.com/apac/media/606192/efctm001-issue-2.pdf
3. BS EN 14582:2016 flowchart can be obtained from https://cdnmedia.eurofins.com/apac/media/21871024/efctm003-issue-2.pdf
4. Unless otherwise specified, the conformity statement is assessed using a binary decision rule based on simple acceptance (w = 0), in accordance with ILAC-G8:09/2019.
5. The conformity statement for Cr(VI) is based on IEC 62321-7-1 Edition 1.0:2015-09, Section 7, Table 1 — 'Comparison to standard and interpretation of result'.

This 4 page(s) of report and its attachment(s), if relevant, has/have been validated by

Siti Nurdalili, *B.Sc. (Hons) Applied Chemistry*
IKM Registered Chemist
Registered No.:M/6526/10443/24

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EXPLANATORY NOTE

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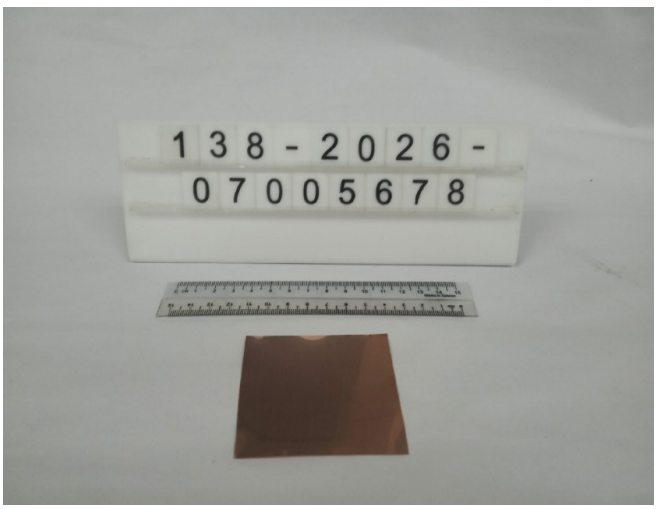
N/A means not applicable.
<LOD means not detected at or below the Limit of Detection (LOD).
<LOQ means below the Limit of Quantification (LOQ)

Sample Photograph



- End of Report -

TEST REPORT

APPLICANT	:	**ROKKO TECHNOLOGY SDN BHD**
ADDRESS	:	8, JALAN MEGA 1/10, TAMAN PERINDUSTRIAN NUSA CEMERLANG, 79200 NUSAJAYA, JOHOR
TESTED SAMPLE DESCRIPTION	:	EFTEC64T
TESTED ITEM NO.	:	156-2026-07001163
AGE REQUESTED ON APPLICATION FORM	:	NOT PRESENT
SAMPLE RECEIVED DATE	:	04-Aug-2026
TEST PERIOD	:	04-Aug-2026 to 11-Aug-2026

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
Perfluorooctane Sulfonate (PFOS) and Perfluorooctanic Acid (PFOA) Content – Client's Requirement	PASS

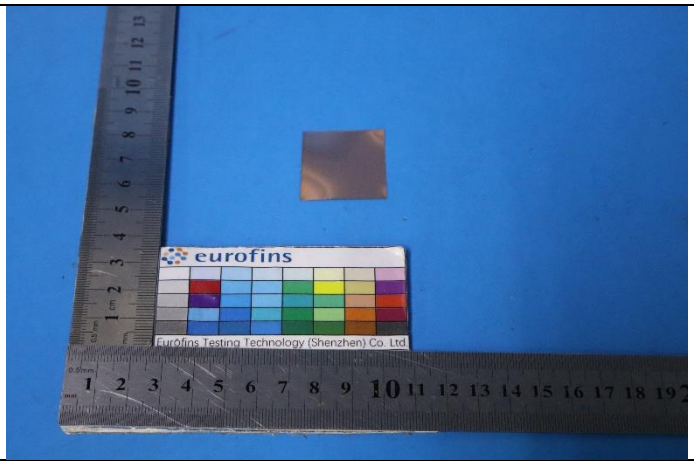
The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins will not be liable for the authenticity of the information. This test report is valid for the tested sample only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
Unless otherwise required by the applicant or method/regulation, decision rule in this report did not consider the measurement uncertainty.

********** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) **********

For and on behalf of
Eurofins MTS Consumer Product Testing (Dongguan) Co. Ltd

Carol Ke
Operations and R&D director

TESTED SAMPLE PHOTO(S)



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EFSN26080215-C-0101

COMPONENT BREAKDOWN LIST:

Test Item	Component Description
A	**Product**
A1	Rose golden metal

TEST RESULT

Perfluorooctane Sulfonate (PFOS) and Perfluorooctanic Acid (PFOA) Content – Client's Requirement

Test Item	Result (μg/kg)		Conclusion
	Perfluorooctane Sulfonate (PFOS)	Perfluorooctanic Acid (PFOA)	
A1	ND	ND	PASS
Client's Requirement	20	20	-

ND= Not detected (Laboratory detection limit=20μg/kg)

Method: With Reference to EN 17681-1:2025

Note: μg/kg = microgram per kilogram

"<" = less than

Other Information / Remark:

N/A

END OF THE REPORT