Technical Report No. 68.167.15.0222.01B
Dated 2015-05-29

Client:	Innokin Technology Co.,Ltd
Address:	Building 6, XinXinTian Industrial park , Xinsha Road，Shajing, Baoan District, Shenzhen, China
Attn.:	George
Sample Description:	iSub G
Model No.:	/
Contury of origin:	CHINA
Exported to:	Europe , North America
Location of Testing:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Sample Received Date:	2015-04-21, 2015-05-13
Test Period:	From 2015-04-21 to 2015-04-29, From 2015-05-13 to 2015-05-19
Test Requested and Conclusion:	Test according to RoHS (Restriction of Hazardous Substances) directive 2011/65/EU on submitted samples
	- Heavy Metal (Pb, Cd, Hg and CrVI) Content **PASS**
	- Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) Content **PASS**
Test Result:	Refer to the following page(s)
Remark:	The result relates only to the items tested.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group
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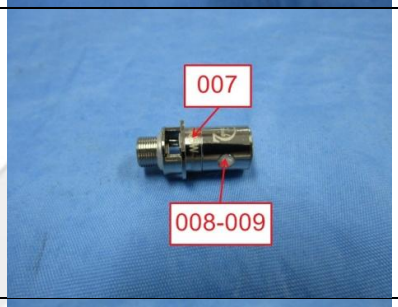
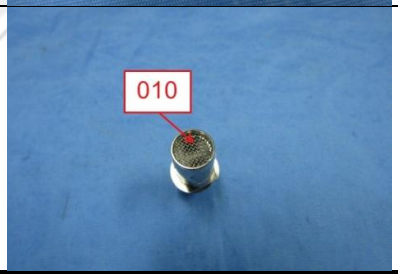
1. TESTED SUBJECT DESCRIPTION

Sample Number	Item Name	Tested Material Description	Photo
001*	Filter tip	Silvery metal	
002	Chamber	Translucent plastic	
003*	Cap	Silvery metal	
004*	Connector	Silvery metal	
005*	Gasket	White soft plastic	
006*	Gasket	Transparent soft plastic	
007*	Filter	Silvery metal	
008*	Filter	White fiber	
009*	Filter	Silvery metal coil	
010*	Mesh	Silvery metal	

– "*"denotes the test data was quoted from Report 68.167.15.0161.01A issued on 2015-04-30

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2. TEST RESULTS

2.1. SCREENING

Test method: With reference to EN 62321:2009, analyzed by Energy Dispersive X-ray Fluorescence Spectrometers (XRF).

Sample No.	Total Cadmium	Total Chromium	Total Mercury	Total Lead	Total Bromine
001	BL	**Inconclusive[(a)]**	BL	BL	N.A.
002	BL	BL	BL	BL	BL
003	BL	**Inconclusive[(a)]**	BL	BL	N.A.
004	BL	BL	BL	**OL[(a)]**	N.A.
005	BL	BL	BL	BL	BL
006	BL	BL	BL	BL	BL
007	BL	BL	BL	**OL[(a)]**	N.A.
008	BL	BL	BL	BL	BL
009	BL	**Inconclusive[(a)]**	BL	BL	N.A.
010	BL	**Inconclusive[(a)]**	BL	BL	N.A.

Note:

- "BL" denotes below limit
- "OL" denotes over limit
- "N.A." denotes not applicable
- "(a)" denotes further confirmation test was conducted, results are listed in 2.2 and 2.3.

— XRF screening limits in mg/kg for regulated elements in various matrices

ELEMENT	POLYMER		
	BL	INCONCLUSIVE	OL
Cd	X<(70-3σ)	(70-3σ)<X<(130+3σ)	X>(130+3σ)
Pb	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Hg	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Br	X<(300-3σ)	X>(300-3σ)	NA
Cr	X<(700-3σ)	X>(700-3σ)	NA

ELEMENT	METAL		
	BL	INCONCLUSIVE	OL
Cd	X<(70-3σ)	(70-3σ)<X<(130+3σ)	X>(130+3σ)
Pb	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Hg	X<(700-3σ)	(700-3σ)<X<(1300+3σ)	X>(1300+3σ)
Cr	X<(700-3σ)	X>(700-3σ)	NA

ELEMENT	COMPLEX MATERIAL		
	BL	INCONCLUSIVE	OL
Cd	X<(50-3σ)	(50-3σ)<X<(150+3σ)	X>(150+3σ)
Pb	X<(500-3σ)	(500-3σ)<X<(1500+3σ)	X>(1500+3σ)
Hg	X<(500-3σ)	(500-3σ)<X<(1500+3σ)	X>(1500+3σ)
Br	X<(250-3σ)	X>(250-3σ)	NA
Cr	X<(500-3σ)	X>(500-3σ)	NA

2.2. HEAVY METAL CONTENT

Test method: With reference to EN 62321:2009, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and UV-Vis spectrophotometer. [Reporting Limit: 2mg/kg for cadmium; 10mg/kg for hexavalent chromium, lead and mercury.]

Sample No.	Result [mg/kg]			
	Total Cadmium	Hexavalent Chromium	Total Mercury	Total Lead
001	--	Negative	--	--
003	--	Negative	--	--
004	--	--	--	$3.05x10^{4(a)}$
007	--	--	--	$3.08x10^{4(a)}$
009	--	Negative	--	--
010	--	Negative	--	--
RoHS Requirement	100	1000	1000	1000

Note:

- "mg/kg" denotes milligram per kilogram
- "<" denotes less than
- "Negative" denotes the absence of Cr(VI) coating.
- "--" denotes tested by XRF, result is listed in 2.1
- "(a)" denotes the exempt item according to DIRECTIVE 2011/65/EU Annex III item 6(c) *"Copper alloy containing up to 4 % lead by weight".*

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:

Kevin Cheng
Project Handler

Reviewed by:

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Designated Reviewer

APPENDIX:

Photos of submitted products

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