

TEST REPORT

APPLICANT : E-TECH ELECTRONICS CO., LTD.

ADDRESS : B-701, Namdong Technopark, 51, Eunbong-ro, Namdong-gu,
Incheon, Korea

PAGE: 1 of 3

REPORT NO. RT21R-S2356-E

DATE: Apr. 15, 2021

SAMPLE DESCRIPTION : The following submitted sample(s) said to be:-

NAME/TYPE OF PRODUCT : Ferrite Core

SAMPLE ID NO. : RT21R-S2356

MANUFACTURER/VENDOR : E-TECH ELECTRONICS CO., LTD.

SAMPLE RECEIVED : Apr. 09, 2021

TESTING DATE : Apr. 09, 2021 ~ Apr. 15, 2021

TEST METHOD(S) : Please see the following page(s).

TEST RESULT(S) : Please see the following page(s).

* Note 1 : The test results presented in this report refer only to the object tested.

* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,



Jade Jang / Lab. Technical Manager

Authorized by,



Bo Park / Lab. General Manager



Authenticity check

Intertek Testing Services Korea Ltd.

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Ulsan Lab. Address : 34, Yongam-gil, Chongryang-myeon, Ulju-gun, Ulsan 44989 Korea



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SAMPLE ID NO. : RT21R-S2356

SAMPLE DESCRIPTION : Ferrite Core

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	0.5	N.D.
Lead (Pb)	mg/kg		5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 : 2013/AMD1 : 2017, by acid digestion and determined by ICP-OES	2	N.D.
Hexavalent Chromium (Cr ⁶⁺)	mg/kg	With reference to IEC 62321-7-2 Edition 1.0 : 2017, by alkaline/toluene digestion and determined by UV-VIS Spectrophotometer	8	N.D.

Tested by : Jooyeon Lee, Chano Kim

Notes : mg/kg = ppm = parts per million
< = Less than
N.D. = Not detected (<MDL)
MDL = Method detection limit

* View of sample as received;-



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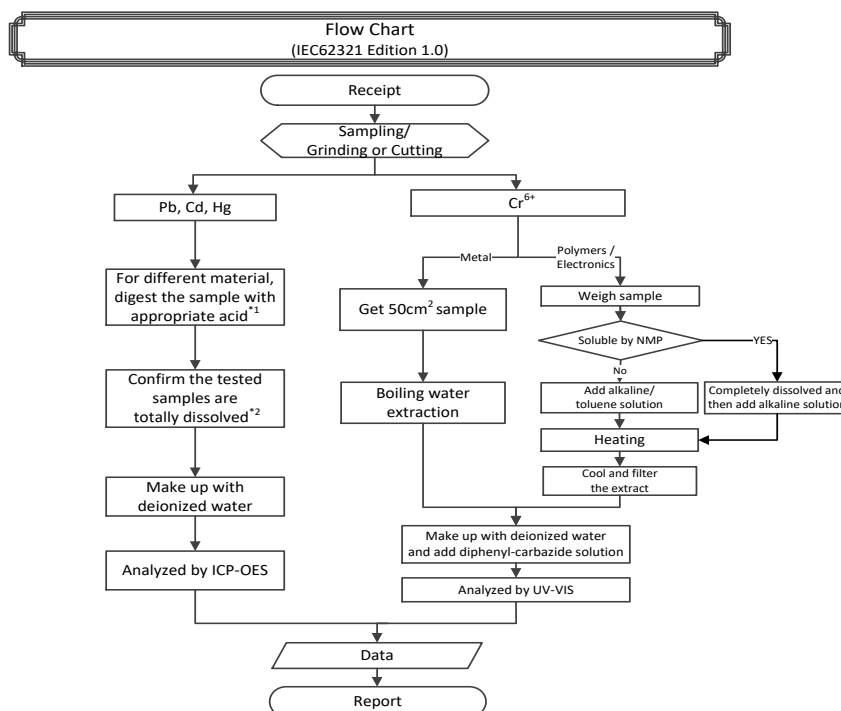
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SAMPLE DESCRIPTION : Ferrite Core



Remarks :

*1 : List of appropriate acid :

Material	Acid added for digestion
Polymers	HNO ₃ , HCl, HF, H ₂ O ₂ , H ₃ BO ₃
Metals	HNO ₃ , HCl, HF
Electronics	HNO ₃ , HCl, H ₂ O ₂ , HBF ₄

*2 : The samples were dissolved totally by pre-conditioning method according to above flow chart.

***** End of Report *****

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