

TEST REPORT

REPORT NO. JP/2010/050262

DATE: June 3, 2010

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TDK-EPC CORPORATION

200 TACHISAWA HIRASAWA NIKAHO-SHI AKITA JAPAN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CLIENT AS:
 以下のサンプルは顧客により提供され、顧客に代わって確認を行いました:

SAMPLE DESCRIPTION : Ceramic Powder-2(JB) Ceramic Powder-2(X5R) Ceramic Powder-2(X7R) Ceramic Powder-2(X5S) Ceramic Powder-2(X6S) Ceramic Powder-2(X7S) Ceramic Powder-2(JC) Ceramic Powder-2(X8R)

CLIENT REF.NO : SGS-1001

SAMPLE RECEIVED : 2010/05/13

TESTING DATE : 2010/05/18 TO 2010/05/28

TEST REQUESTED : SELECTED TEST(S) AS REQUESTED BY CLIENT.
分析項目 : 分析項目は顧客の要求によります。

TEST METHOD(S) : WITH REFERENCE TO IEC62321 EDITION 1.0 2008-12 FOR RoHS 6 SUBSTANCES.
分析方法 : Cd, Pb: SECTION 8, 9, 10
 Hg: SECTION 7
 Cr(VI): ANNEX B, C
 PBB/PBDE: ANNEX A
 OTHER CHEMICALS WERE TESTED BY EACH APPROPRIATE METHOD.
 RoHS6物質の分析はIEC62321第1.0版(2008年12月)を参照しました。
 Cd, Pb: 第8, 9, 10章
 Hg: 第7章
 Cr(VI): 付属文書B, C
 PBB/PBDE: 付属文書A
 それ以外の化学物質についてはそれぞれに最適な方法で分析を行いました。

TEST RESULT(S) : PLEASE REFER TO THE NEXT PAGE(S).
分析結果 : 以下のページをご参照願います。



後藤 邦之

Kuniyuki Goto / Laboratory Manager
 SGS Japan Inc., Green Testing Center

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TEST RESULT(S)

ITEM(S)	UNIT	RESULT	METHOD	INST./PLACE	MDL		
CADMIUM(Cd)	mg/kg	N.D.	Alkali fusion after Microwave digestion(HNO ₃ +HF)	ICP-OES	2		
LEAD(Pb)	mg/kg	N.D.	Alkali fusion after Microwave digestion(HNO ₃ +HF)	ICP-OES	2		
MERCURY(Hg)	mg/kg	N.D.	Microwave/HPV/digestion(HNO ₃ +HF) /Thermal decomposition	ICP-OES	2		
CHROMIUM VI(Cr(VI))	mg/kg	N.D.	Alkali extraction	UV/VIS	2		
Polybrominated biphenyls(PBBs)							
Monobromobiphenyl	mg/kg	N.D.			5		
Dibromobiphenyl	mg/kg	N.D.			5		
Tribromobiphenyl	mg/kg	N.D.			5		
Tetrabromobiphenyl	mg/kg	N.D.			5		
Pentabromobiphenyl	mg/kg	N.D.	Solvent extraction method	GC/MS	5		
Hexabromobiphenyl	mg/kg	N.D.			5		
Heptabromobiphenyl	mg/kg	N.D.			5		
Octabromobiphenyl	mg/kg	N.D.			5		
Nonabromobiphenyl	mg/kg	N.D.			5		
Decabromobiphenyl	mg/kg	N.D.			5		
Polybrominated diphenyl ethers(PBDEs)							
Monobromodiphenyl ether	mg/kg	N.D.					5
Dibromodiphenyl ether	mg/kg	N.D.			5		
Tribromodiphenyl ether	mg/kg	N.D.			5		
Tetrabromodiphenyl ether	mg/kg	N.D.			5		
Pentabromodiphenyl ether	mg/kg	N.D.	Solvent extraction method	GC/MS	5		
Hexabromodiphenyl ether	mg/kg	N.D.			5		
Heptabromodiphenyl ether	mg/kg	N.D.			5		
Octabromodiphenyl ether	mg/kg	N.D.			5		
Nonabromodiphenyl ether	mg/kg	N.D.			5		
Decabromodiphenyl ether	mg/kg	N.D.			5		

NOTES: mg/kg = ppm, N.D. = Not Detected, INST. = INSTRUMENT, MDL = Method Detection Limit

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分析フローチャート MEASUREMENT FLOW CHART

1)酸分解前処理において試料を完全分解しています。

The sample was dissolved/ decomposed totally by acid pre-conditioning method according to below flow chart.

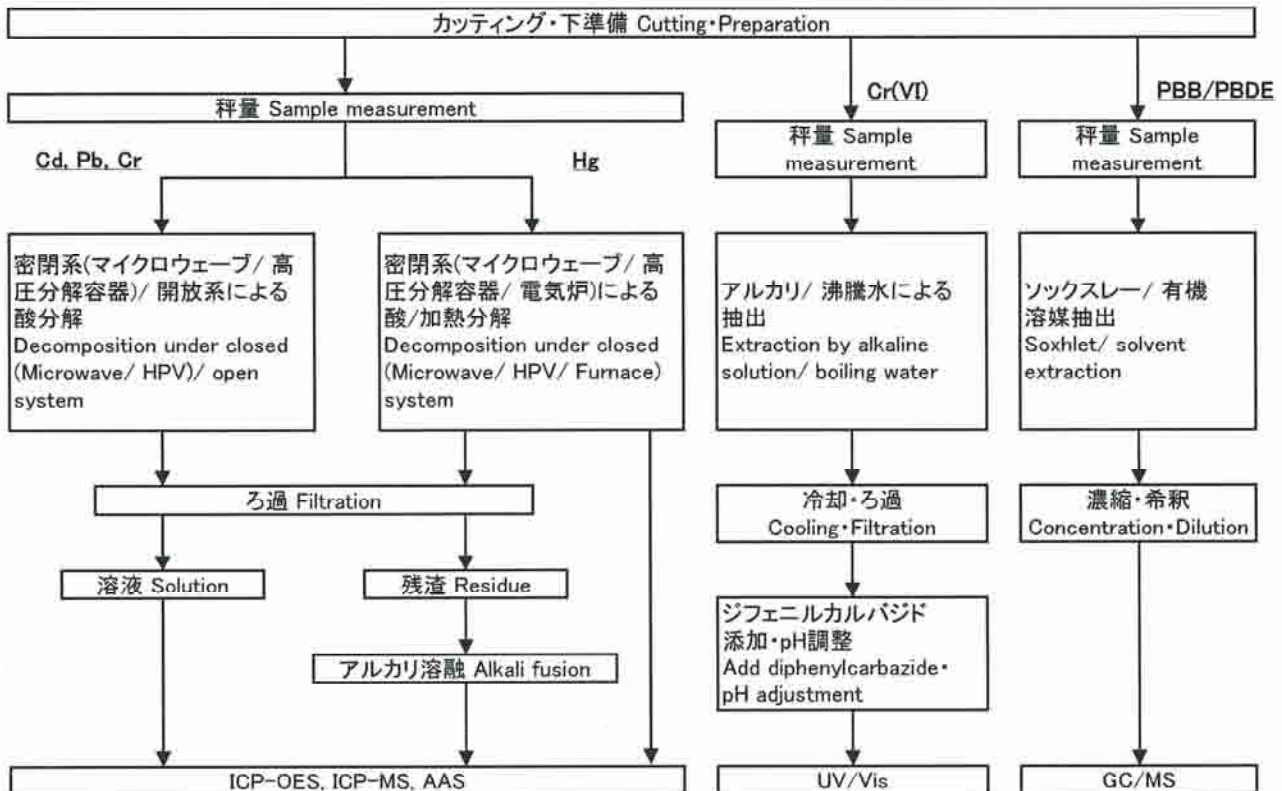
2)Cd, Pb, Hg, Cr, Cr(VI)

分析担当者 Name of the person in charge of measurement: 丸山 文隆 Fumitaka Maruyama

3)PBB/PBDE

分析担当者 Name of the person in charge of measurement: 高橋 英樹 Hideki Takahashi

3)分析責任者 Name of the person responsible for measurement: 大内 幸弘 Yukihiro Ouchi



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SAMPLE IMAGE



<END>

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