TEST REPORT

Report No.: XMTN1220314-08798E Date: March 18, 2022 Page 1 of 8

Xiamen Innovacera Advanced Materials CO., LTD
A506-507,No.7 Yu' nan Fourth Road, Huli District, Xiamen area of China (Fujian) Pilot Free Trade Zone

Report on the submitted samples said to be:

Sample Description:	Zirconia Ceramic Plate
Style/Item No.:	OD15*ID12*18.5mm
Color:	white
Country of Origin:	China
Manufacturer:	Xiamen Innovacera Advanced Materials CO., LTD
Supplier:	Xiamen Innovacera Advanced Materials CO., LTD
Sample Receiving Date:	March 15,2022
Testing Period:	March 15,2022 - March 18,2022
Result:	Please refer to next page(s).

Signed for and on behalf of

BACL

Checked by: _____ Jenifer Yu

Approved by: _____ Fedor Zhang

TEST REPORT

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Summary of Test Result:

TEST REQUEST	CONCLUSION
A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	Pass
A.1 Wet Chemical Testing	
A.1.1 Total Lead content	Please refer to next page(s).
A.1.2 Total Cadmium content	Please refer to next page(s).
A.1.3 Total Mercury content	Please refer to next page(s).
A.1.4 Chromium VI (CrVI) content	Please refer to next page(s).
A.1.5 PBBs & PBDEs content	Please refer to next page(s).
A.2 Phthalates(DBP, BBP, DEHP, DIBP)content	Please refer to next page(s).

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TEST REPORT

Result:

Tested part(s):

(1) White ceramics

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A RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

A.1 Wet Chemical Testing

A.1.1 Total Lead content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result	Limit
			(1)	
Lead(Pb)	mg/kg	10	N.D.	1000
Conclusion	/	/	**Pass**	/

A.1.2 Total Cadmium content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result	Limit
			(1)	
Cadmium(Cd)	mg/kg	10	N.D.	100
Conclusion	/	/	**Pass**	/

A.1.3 Total Mercury content

Test method: IEC 62321-4:2013+AMD1:2017

Item	Unit	RL	Result	Limit
			(1)	
Mercury(Hg)	mg/kg	10	N.D.	1000
Conclusion	/	/	**Pass**	/

A.1.4 Chromium VI (CrVI) content

Test method: IEC 62321-7-2:2017

Item	Unit	RL	Result	Limit
			(1)	
hexavalent chromium(Cr VI)	mg/kg	10	N.D.	1000
Conclusion	/	/	**Pass**	/

A.1.5 PBBs & PBDEs content

Test method: IEC 62321-6:2015

Item	Unit	RL	Result	Limit
			(1)	
Monobromobiphenyl (MonoBB)	mg/kg	100	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	100	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	100	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	100	N.D.	-

Item	Unit	RL	Result	Limit
			(1)	
Pentabromobiphenyl(PentaBB)	mg/kg	100	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	100	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	100	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	100	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	100	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	100	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	100	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	100	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	100	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	100	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	100	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	100	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	100	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	100	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	100	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	100	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraBDE,PentaBDE,HexaBDE,HeptaBDE,OctaBDE,NonaBDE,DecaBDE	mg/kg	-	N.D.	1000
sum of MonoBB,DiBB,TriBB,TetraBB,PentaBB,HexaBB,HeptaBB,OctaBB,NonaBB,DecaBB	mg/kg	-	N.D.	1000
Conclusion	/	/	**Pass**	/

Remark:

The maximum permissible limit is quoted from RoHS directive 2011/65/EU its amendment directives:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominate ddiphenylethers (PBDEs)	1000

Note:
- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- The results less than RL are not taken into account while calculating the sum contents.

A.2 Phthalates(DBP, BBP, DEHP, DIBP)content

Test method: IEC 62321-8:2017

Item	Unit	RL	Result	Limit
			(1)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	0.1
Conclusion	/	/	**Pass**	/

Note:
- N.D. = Not Detected or less than RL
- RL = Report Limit
- 0.1% = 1000 mg/kg, mg/kg = ppm

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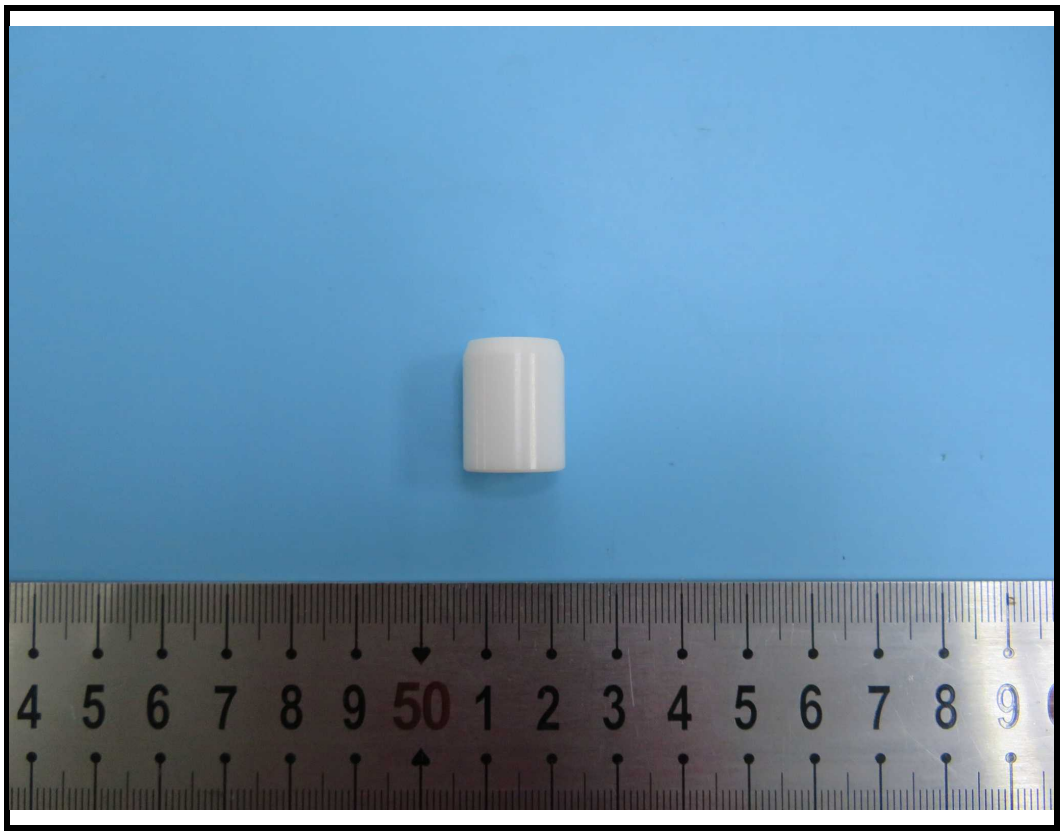
Photograph of Sample



BACL authenticate the photo on original report only

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5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6.The test samples were in good condition before testing.
7.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***