



中国认可
国际互认
检测
TESTING
CNAS L5772



Test Report

Report No.: PTC26000502165C-EN02

Issue Date: Mar. 05, 2026

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Applicant: Shenzhen Jiaping Titanium Industry co.,ltd
Address: Rooms 412 and 416, 4th Floor, Xingyue Building, Shichang Road, Dalang Shiguan Industrial Zone, Longhua New District, Shenzhen,China

The following merchandise was (were) submitted and identified by client as:

Sample Name: TC4 titanium rod
Sample Received Date: Mar. 05, 2026
Completed Date: Feb. 28, 2026

Test Requested: As specified by client, with reference to RoHS Directive 2011/65/EU and its subsequent amendments regulation EU No.2015/863.(Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr⁶⁺), PBBs and PBDEs, Phthalates (DBP, BBP,DEHP,DIBP))

Conclusion(s): According to the test results of below test parameters, the submitted sample complied with the requirements for RoHS Directive 2011/65/EU and its subsequent amendments regulation EU No.2015/863.

Test Result(s) and Test Method(s):Please refer to next page(s).



Prepared by: Anne

Checked by:Crystal

* Approved by: Miya

Anne

Crystal

Miya

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Test Result(s):

1.1) RoHS Directive 2011/65/EU-(Lead (Pb)/ Cadmium(Cd)/ Mercury(Hg)/ Hexavalent Chromium(Cr⁶⁺))

Test Method: IEC 62321-5: 2013, IEC 62321-4: 2013+AMD1:2017, IEC 62321-7-1:2015,analyzed by ICP-OES & UV-Vis.

Test Item(s)	Pb	Cd	Hg	Cr ⁶⁺	Conclusion
Limit(s) (mg/kg)	1000	100	1000	Negative	
Material No.	Result (mg/kg)				PASS
1	N.D.	N.D.	N.D.	Negative	

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< MDL).
 3. MDL = Method Detection Limit = 5 mg/kg.
 4. Negative = Absence of Cr⁶⁺.
 5. Positive = Presence of Cr⁶⁺: the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

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1.2) RoHS Directive 2011/65/EU-(PBBs/PBDEs)

Test Method: IEC 62321-6:2015, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Test Item(s)	Limit (mg/kg)	Result (mg/kg)
		1
PBBs	1000	N.D.
Monobromobiphenyl	--	N.D.
Dibromobiphenyl	--	N.D.
Tribromobiphenyl	--	N.D.
Tetrabromobiphenyl	--	N.D.
Pentabromobiphenyl	--	N.D.
Hexabromobiphenyl	--	N.D.
Heptabromobiphenyl	--	N.D.
Octabromobiphenyl	--	N.D.
Nonabromobiphenyl	--	N.D.
Decabromobiphenyl	--	N.D.
PBDEs	1000	N.D.
Monobromodiphenylether	--	N.D.
Dibromodiphenylether	--	N.D.
Tribromodiphenylether	--	N.D.
Tetrabromodiphenylether	--	N.D.
Pentabromodiphenylether	--	N.D.
Hexabromodiphenylether	--	N.D.
Heptabromodiphenylether	--	N.D.
Octabromodiphenylether	--	N.D.
Nonabromodiphenylether	--	N.D.
Decabromodiphenylether	--	N.D.
Conclusion		PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< MDL).
 3. MDL = Method Detection Limit = 5mg/kg.

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Test Result(s):

1.3) RoHS Directive 2011/65/EU and its subsequent amendments regulation EU No.2015/863 -(Phthalates DIBP, DBP, BBP, DEHP)

Test Method: IEC 62321-8: 2017, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit(s) (mg/kg)	1000	1000	1000	1000	
MDL (mg/kg)	50	50	50	50	
Material No.	Result (mg/kg)				
1	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (< MDL).
 3. MDL = Method Detection Limit.

Test Material List

The following materials apply only to the samples submitted for chemical testing.

Material No.	Description	Location
1	Silvery metal	whole

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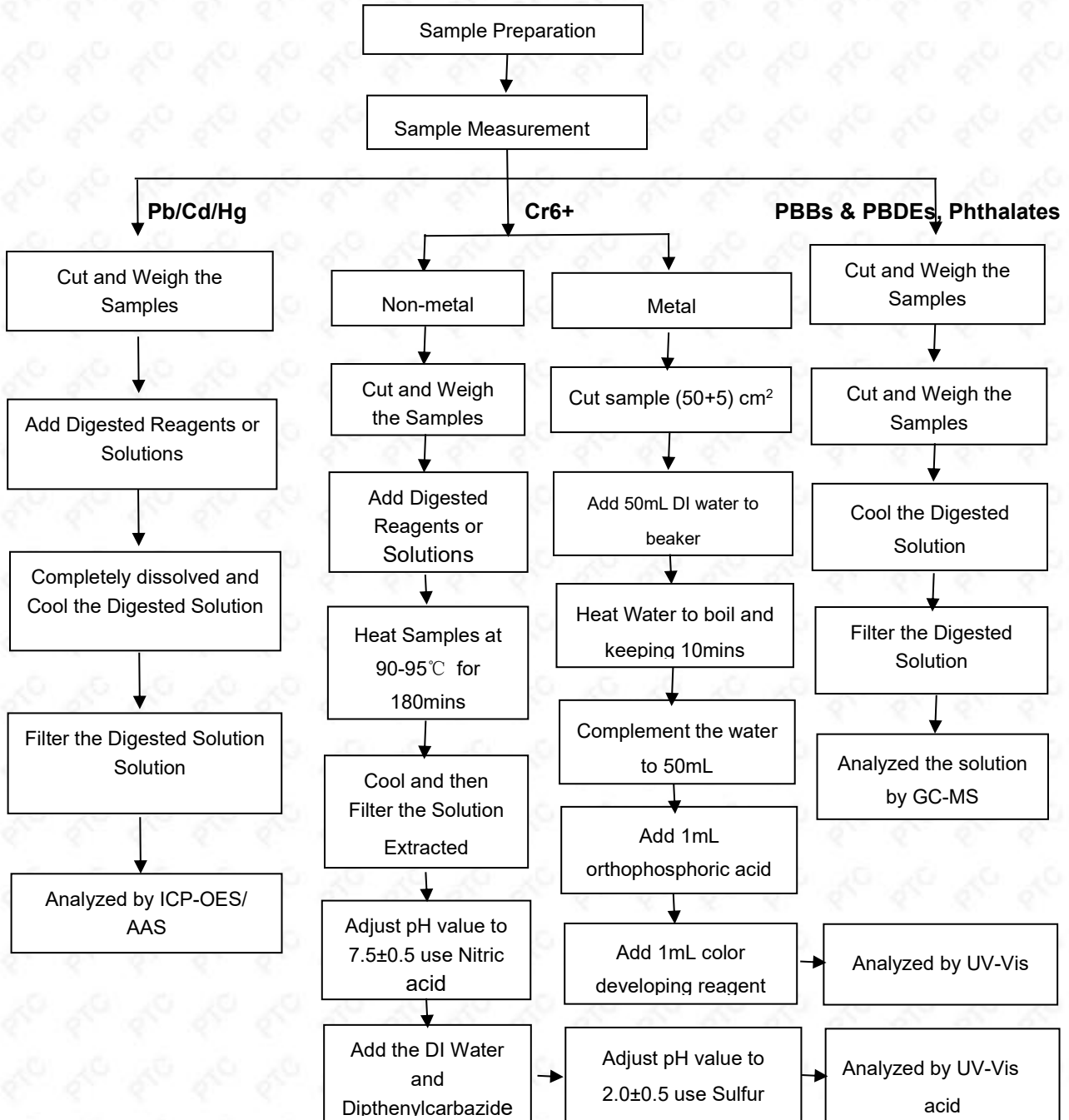
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Pb/Cd/Hg/Cr6+/PBBs/PBDEs , Phthalates Testing Flow Chart



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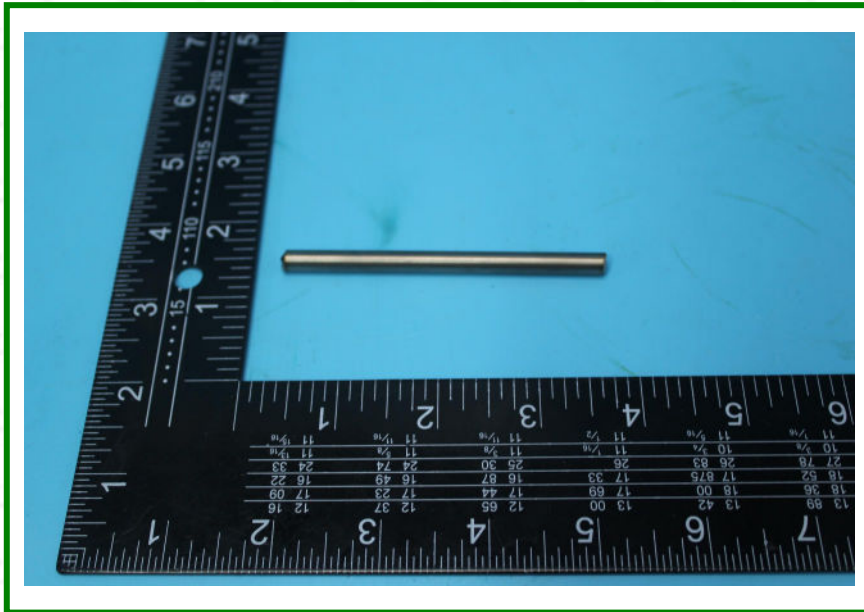
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Photo(s) of Sample:



End of Report

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