

Test Laboratory/Center Accreditation Scope

Metalltest Test Center

I.P.

Bardin Central Research Institute, Federal State Unitary Enterprise

test laboratory/center name

Bldg. 1, 23/9 Radio Str., 105005 Moscow

business address

Item No.	Documents Regulating the Procedures and Methods of Analyses/Tests, and Measurements	Test Subject	Code per the Classifier of Products by Type of Economic Activity (OKPD 2)	Code per the Eurasian Economic Union Trade Import and Export Classification	Tested Property/Parameter	Measurement Range
1	2	3	4	5	6	7
Chemical Analysis						
1	GOST 9853.3 para. 7	Titanium Sponge	—	—	Weight percentage C	0.003–0.2 %
2	GOST 11739.19 para. 3	Aluminum casting alloys and wrought alloys	—	—	Weight percentage Sb	0.01–0.3 %

1	2	3	4	5	6	7
3	GOST 23581.20 para. 4	Iron ores, concentrates, agglomerates and pellets	—	—	Weight percentage S	0.001–5 %
4	GOST 25599.1 para. 5	Hard sintered alloys	—	—	Weight percentage C	3–20 %
5	GOST R ISO 17925, para. 7.2	Steel	—	—	Weight of coating per area unit	0–500 g
6	NDP No. 1-2020	Cobalt-based alloys	—	—	Weight percentage Al	0.01–0.5 %
					Weight percentage P	0.002–0.04 %
					Weight percentage Fe	0.05–5.0 %
					Weight percentage Ni	0.10–50 %
					Weight percentage Mn	0.05–5.0 %
					Weight percentage Si	0.02–3.0 %
					Weight percentage Ti	0.05–5.0 %
					Weight percentage W	2.0–20 %
					Weight percentage Cu	0.02–0.5 %
					Weight percentage Cr	5.0–50 %
					Weight percentage Mo	2.0–20 %
					Weight percentage Co	20–70 %
					Weight percentage Nb	0.02–0.2 %
Weight percentage La	0.02–0.1 %					

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Metallographic analyses						
7	GOST 14080 Appendix 5	Cold rolled band of precision alloys	—	—	Frost resistance	pass/fail
8	GOST 21073.1	Non-ferrous metals	—	—	Assessment of microstructure, and grain size determination	1 to 10
9	GOST R 57180 para. 6	Structures, assemblies and parts that have welded joints	—	—	Macrostructure determination	defects – yes/no

Director of Metalltest Test Center of I.P. Bardin Central Research Institute of Ferrous Metals, Federal State Unitary Enterprise, E. A. Smirnova