

CODE	PROFICIENCY TESTING (PT)	MATRIX	CHEMICAL ELEMENTS OR PARAMETER	CALL	N° OF SAMPLES	DATE PT
IN-RDA-01-17-CTD	Copper Cathodes	Metallic Copper	Pb, Fe, S, Se, Te, Bi, Sb, As, Ni, Sn, Ag	January 2017	1	February 2017
IN-RDA-02-17-MAU	Auriferous Minerals	Auriferous Minerals 5 - 50 ppm Au	Au, Ag, Zn, Cu, Mo, As, Fe, Zn, Pb, Ag, CuS	January 2017	2	March 2016
IN-RDA-03-17-MNM	Non-Metallic Minerals	Caliches and gravel	NO <sub>3</sub> <sup>-</sup> , K, Na, IO <sub>3</sub> <sup>-</sup>	January 2017	1	April 2017
IN-RDA-04-17-MFE	Iron ore	Iron ore 40%-50% Fe	Fe, Al <sub>2</sub> O <sub>3</sub> , S, SiO <sub>2</sub> , P, CaO, MgO, K <sub>2</sub> O	January 2017	1	May 2017
IN-RDA-05-17-CCU	Copper Concentrate	Copper Concentrate 25% - 35%	Cu, As, Mo, Ag, Au, Fe, Hg, Pb, Cd, Ni	January 2017	2	June 2017
IN-RDA-06-17-RMI	Mining Tailings	Tailings 0.1% - 0.4% Cu	Cu, Mo, As, Fe, Zn, Pb, Ag, CuS	January 2017	2	July 2017
IN-RDA-07-17-CMO	Molibdenum Concentrate	45%-55%	Mo, Re, H <sub>2</sub> O+Oil	January 2017	1	August 2017
IN-RDA-08-17-BAN	Anodic Sludge	Anodic Sludge 5-10% Au	Au, Ag, Pd, Pt, Sb, As, Ni, Sn,	January 2017	1	September 2017
IN-RDA-09-17-MDO	Metal Dore	Metal dore Au and Metal dore Ag	Au, Ag, Pd, Pt, As, Bi	January 2017	1	October 2017

**Note:** Parameters or elements are reference for the purposes of this call and may be increased or decreased at the time of the completion of specific Proficiency Testing.

- 1.-If your organization wishes to participate request the registration form to e-mail [ensayodeaptitud@intem.cl](mailto:ensayodeaptitud@intem.cl)
- 2.-Send the registration form with 30 days prior to the date of Proficiency Testing.
- 3.-Participation in Proficiency Testing has no costs for participants.
- 4.-Proficiency Testing are organized under the requirements of **ISO 17043** "Conformity assessment. General requirements for proficiency testing".
- 5.-If there is no minimum number of laboratories in a Proficiency Testing, it can be suspended.
- 6.-For more information you can call +56 55 2 893409 or +56 9 88375083

### Benefits for Laboratories participating in Proficiency Testing Programs (1)

- Confirming competent performance
- Identifying testing or measurement problems
- Comparing methods and procedures
- Improving performance
- Educating staff
- Instilling confidence in staff, management and external users of laboratory services
- Comparing operator capabilities
- Generating reference materials
- Determining method precision and accuracy
- Satisfying regulators and accreditation bodies
- Providing laboratories with additional risk management

(1) Taken ILAC - International Laboratory Accreditation Cooperation

