



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

MSALABS INC.

UNIT 1-20120 102 AVENUE
LANGLEY, BRITISH COLUMBIA, V1M 4B4, CANADA

Testing Laboratory TL-736

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date July 30, 2025



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

MSALABS INC.

Contact Name Vanessa Claassen

Contact Phone +27827875247

Accredited to ISO/IEC 17025:2017

Effective Date July 30, 2025

CHEMISTRY - MINING	
FAS-111	Au, 30g Fire Assay, AAS finish, Trace Level
FAS-113	Au, Pt, Pd, 30g Fire Assay, ICP-ES finish, Trace Level
FAS-114	Au, 30g Fire Assay, ICP-ES finish, Trace Level
FAS-121	Au, 50g Fire Assay, AAS finish, Trace Level
FAS-123	Au, Pt, Pd, 50g Fire Assay, ICP-ES finish, Trace Level
FAS-124	Au, 50g Fire Assay, ICP-ES finish, Trace Level
FAS-211	Au, 30g Fire Assay, AAS finish, Ore Grade
FAS-213	Au, Pt, Pd, 30g Fire Assay, ICP-ES finish, Ore Grade
FAS-214	Au, 30g Fire Assay, ICP-ES finish, Ore Grade
FAS-221	Au, 50g Fire Assay, AAS finish, Ore Grade
FAS-223	Au, Pt, Pd, 50g Fire Assay, ICP-ES finish, Ore Grade
FAS-224	Au, 50g Fire Assay, ICP-ES finish, Ore Grade
FAS-415	Au, 30g Fire Assay, Gravimetric finish, Ore Grade
FAS-418	Ag, 30g Fire Assay, Gravimetric finish, Ore Grade
FAS-425	Au, 50g Fire Assay, Gravimetric finish, Ore Grade
ICA-5xx	Individual or selected elements of ICP-130 package
ICA-6xx	ICP-140 single element, xx denotes element code
ICF-5xx	Individual or selected elements of ICP-230 package
ICF-6xx	ICP-240 individual element, xx denotes element code
ICP-130	0.5g true Aqua Regia, ICP-ES finish, Basic Level
ICP-135	ICP-130 package + Hg by ICP-MS (36 elements)
ICP-140	0.4g true Aqua Regia, ICP-ES finish, Ore Grade (33 elements)
ICP-230	0.25g 4-Acid Digestion, ICP-ES finish (34 elements)
ICP-235	ICP-230 multi-element package + Hg by IMS-130
ICP-240	0.5g 4-Acid digestion, ICP-ES finish, Ore Grade (30 elements)
IMA-2xx	Individual or selected elements of IMS-131 package
IMA-4xx	Individual or selected elements of IMS-132 package

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IMA-5xx	Individual or selected elements of IMS-130 package
IMF-5xx	Individual or selected elements of IMS-230 package
IMS-3xx	Lithium Borate fusion, Rare Earth Elements, ICP-MS finish (Single element on IMS-300)
IMS-111	20g dilute Aqua Regia, ICP-ES/MS finish, Ultra Trace Level (51 elements)
IMS-112	40g dilute Aqua Regia, ICP-ES/MS finish, Ultra Trace Level (51 elements)
IMS-130	0.5g true Aqua Regia, ICP-ES/MS finish, Ultra Trace Level (51 elements)
IMS-131	20g true Aqua Regia, ICP-ES/MS finish, Ultra Trace Level (51 elements)
IMS-132	40g true Aqua Regia, ICP-ES/MS finish, Ultra Trace Level (51 elements)
IMS-230	0.25g 4-Acid Digestion, ICP-ES/MS finish, Ultra Trace Level (48 elements)
IMS-235	IMS-235 package + Hg by ICP-MS (49 elements)
IMS-300	Lithium Borate fusion, Rare Earth Elements, ICP-MS finish (30 elements)
IMS-310	Lithium Borate fusion, Rare Earth Elements, ICP-MS finish (Selective elements on IMS-300)
IMS-330	Vegetation, Aqua regia digestion, ICP-ES/MS finish, Ultra Trace Level (51 elements)
LOI-550	Loss On Ignition (Gravimetric)
LOI-1000	Loss On Ignition (Gravimetric)
MSC-130	1000g Metallic screen, 30g Fire Assay, minus fraction in duplicate by FAS-111 or FAS-211, plus fraction by FAS-415
MSC-150	1000g Metallic screen, 50g Fire Assay, minus fraction in duplicate by FAS-121 or FAS-221, plus fraction by FAS-425
MSC-530	500g Metallic screen, 30g Fire Assay, minus fraction in duplicate by FAS-111 or FAS-211, plus fraction by FAS-415
MSC-550	500g Metallic screen, 50g Fire Assay, minus fraction in duplicate by FAS-121 or FAS-221, plus fraction by FAS-425
PER-700	Peroxide fusion, ICP-ES finish (18 elements)
PER-7xx	Individual or selected elements of PER-700 package
SPG-410	Specific gravity by weight on core
SPG-411	Specific gravity by weight on pulp
SPG-415	Specific gravity by weight on waxed core
SPM-110	Total C, Induction Furnace
SPM-120	Total Inorganic C with graphite correction
SPM-210	Total S, Induction Furnace
SPM-512	Total C & S, Induction Furnace

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STI-8Cu	Copper by titration
STI-8Fe	Iron by titration
STI-8FeO	Ferrous iron by titration
STI-8Pb	Lead by titration
STI-8Zn	Zinc by titration
WRA-3xx	Individual or selected elements of WRA-310 package
WRA-310	Whole rock by Borate fusion, ICP-ES finish + LOI (13 elements + LOI)
WRA-311	WRA-310 + C&S
WRA-330	WRA-311 + IMS-300
WRA-340	WRA-330 + IMS-130 or IMA-5xx, xx denotes element code
WRA-360	WRA-330 + IMA-5xx + IMF-5xx, xx denotes element code
WRX-3xx	Individual or selected elements of WRX-310 package
WRX-4xx	Borate fusion, Resistive minerals by, XRF finish (Individual element), xx denotes element code
WRX-310	Whole rock by Borate fusion, XRF finish + LOI (14 elements + LOI)
WRX-311	WRX-310 + C&S
WRX-610	Borate fusion, Iron Ore, XRF finish (24 elements + LOI)

