



Price list 2026



Akred. nr. 10381
Provning
ISO/IEC 17025

Laboratory Analyses and Services

Geotechnics	2
1 Classification and Routine Analyses	2
1.1 Disturbed Samples	2
1.2 Undisturbed Samples	2
2 Shear Strength Properties	3
3 Compression Properties	3
4 Soil Stabilization	3
5 Particle Size Distributions	4
6 Other Analyses and Services	4
Ballast	5
7 Particle Size Distributions	5
8 Mechanical and Physical Properties	5
9 Other Analyses and Services	6
10 Compaction Tests and Sampling	6
Geology	7
11 Petrographic Description	7
12 Mapping	7
13 Other Analyses and Services	7
Environmental Soil Testing	8
14 Sulphur, Hydrocarbons and Metals	8
Contact	9
Accreditation and Measurement Uncertainty	10
General Terms and Conditions	10

Geotechnics

1 Classification and Routine Analyses

1.1 Disturbed Samples			
1.1.1	Visual-manual Soil Classification, Material Type and Frost Susceptibility*	SS-EN ISO 14688-1:2018 AMA Anläggning 23	290 SEK
1.1.2	Visual-manual Soil Classification, Material Type and Frost Susceptibility*, Water Content (<i>Dry Based</i>)	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022	500 SEK
1.1.3	Disturbed Routine – Visual-manual Soil Classification, Material Type and Frost Susceptibility*, Water Content (<i>Dry Based</i>), Liquid Limit (<i>Fall Cone</i>) (Single-Point acc. SGF Notat 1:2018)	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022 SS-EN ISO 17892-12:2018+A2:2022	800 SEK
1.1.4	Disturbed Routine CPT – Visual-manual Soil Classification, Material Type and Frost Susceptibility*, Water Content (<i>Dry Based</i>), Liquid Limit (<i>Fall Cone</i>) (Single-Point acc. SGF Notat 1:2018), Bulk Density	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022 SS-EN ISO 17892-12:2018+A2:2022 SS-EN ISO 17892-2:2014	1 000 SEK
1.1.5	Peat Routine – Visual-manual Soil Classification, Material Type and Frost Susceptibility*, Water Content (<i>Dry Based</i>), Degree of Decomposition (von Post Humification Scale)*	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022	600 SEK
1.1.6	Peat Routine CPT – Visual-manual Soil Classification, Material Type and Frost Susceptibility*, Water Content (<i>Dry Based</i>), Degree of Decomposition (von Post Humification Scale)*, Bulk Density	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022 SS-EN ISO 17892-2:2014	750 SEK
1.2 Undisturbed Samples			
1.2.1	Undisturbed Routine – Visual-manual Soil Classification, Material Type and Frost Susceptibility* (2 tubes), Water Content (<i>Dry Based</i>), Liquid Limit (<i>Fall Cone</i>) (Single-Point acc. SGF Notat 1:2018), Bulk Density (3 tubes), Undrained Shear Strength (<i>Fall Cone</i>) and Sensitivity	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022 SS-EN ISO 17892-12:2018+A2:2022 SS-EN ISO 17892-2:2014 SS-EN ISO 17892-6:2017	1 200 SEK

Geotechnics

2 Shear Strength Properties

2.1	Direct Shear test (Consolidated Drained*/Undrained)	SS 27127:1991	3 300 SEK
2.2	Unconfined Compression Test \varnothing 50×100 mm	SS-EN ISO 17892-7:2018	800 SEK
2.3	Triaxial test* consolidated undrained (CU)	SS-EN ISO 17892-9:2018	11 000 SEK
2.4	Triaxial test* consolidated drained (CD)	SS-EN ISO 17892-9:2018	21 000 SEK
2.5	Triaxial test* unconsolidated undrained (UU)	SS-EN ISO 17892-8:2018	7 000 SEK
2.6	Preparation of cylindrical Triaxial Specimen from disturbed sample with provided density and water content		1 800 SEK
2.7	Compilation of tests from Angle of Repose and other Consultation services and Documentation works, hourly rate		950 SEK

3 Compression Properties

3.1	Constant Rate of Strain test (CRS)	SS 27126:1991	2 900 SEK
3.1.1	Additional cost for half speed CRS		1 500 SEK
3.2	Incremental Oedometer* \varnothing 50 mm, 5 load increments	SS-EN ISO 17892-5:2017	4 100 SEK
3.2.1	Additional cost per extra load increment		650 SEK
3.3	Creep-test* \varnothing 50 mm	SS-EN ISO 17892-5:2017	4 100 SEK

4 Soil Stabilization

4.1	Complete test per recipe including preparation of 2 samples \varnothing 50 mm, 2 curing times Test includes: Routine Analysis prior to mixing and Unconfined Compression Test after curing	SS-EN ISO 14688-1:2018 AMA Anläggning 23 SS-EN ISO 17892-1:2014+A1:2022 SS-EN ISO 17892-12:2018+A2:2022 SS-EN ISO 17892-2:2014 SS-EN ISO 17892-7:2018	5 500 SEK
4.1.1	Additional cost for extra curing time		2 200 SEK

Geotechnics

5 Particle Size Distributions

5.1	Particle Size Distribution, Washing and Sieving including Material Type and Frost Susceptibility*	SS-EN ISO 17892-4:2016 AMA Anläggning 23	1 500 SEK
5.2	Sedimentation (<i>Hydrometer Method</i>) including Material Type and Frost Susceptibility*	SS-EN ISO 17892-4:2016 AMA Anläggning 23	1 600 SEK
5.2.1	Additional cost for organic content material removal (<i>Hydrogen Peroxide</i>)		1 100 SEK
5.3	Particle Size Distribution, Washing and Sieving and Sedimentation (<i>Hydrometer Method</i>) including Material Type and Frost Susceptibility*	SS-EN ISO 17892-4:2016 AMA Anläggning 23	2 700 SEK
5.3.1	Calculated K-value*		200 SEK
5.4	Particle Size Distribution and Sedimentation regarding wastewater filtration systems	SS-EN ISO 17892-4:2016 AMA Anläggning 23	2 700 SEK
5.5	Fines Content by Washing and Sieving including Material Type and Frost Susceptibility*	SS-EN ISO 17892-4:2016 AMA Anläggning 23	700 SEK

6 Other Analyses and Services

6.1	Liquid Limit - Casagrande Method*	SS-EN ISO 17892-12:2018+A2:2022	1 200 SEK
6.2	Liquid Limit - Fall Cone (Single-Point acc. SGF Notat 1:2018)	SS-EN ISO 17892-12:2018+A2:2022	580 SEK
6.3	Plastic Limit	SS-EN ISO 17892-12:2018+A2:2022	1 700 SEK
6.4	Water Content (<i>Dry Based</i>)	SS-EN ISO 17892-1:2014+A1:2022	290 SEK
6.5	Bulk Density, disturbed samples	SS-EN ISO 17892-2:2014	290 SEK
6.6	Loss on Ignition 950°C	SS 27105:1990	1 000 SEK
6.7	Permeability (Hydraulic Conductivity) including Bulk Density and Water Content (<i>Dry Based</i>)	SS 27111:1989 SS-EN ISO 17892-1:2014+A1:2022	2 900 SEK
6.8	Permeability, Bentonite-mixture (Hydraulic Conductivity) including Bulk Density and Water Content (<i>Dry Based</i>)	SS 27111:1989 SS-EN ISO 17892-1:2014+A1:2022	4 800 SEK
6.9	Laboratory Reference Density and Water Content - Proctor Compaction, material <16 mm <i>Includes a series of 5 compactions</i>	SS-EN 13286-2:2010/AC:2013	3 900 SEK
6.10	PRV-files, price per level		20 SEK
6.11	Hourly rate for handling of hazardous materials, Consultation, Sample Preparation, and other non-priced Laboratory Work (minimum 0.5 h)		950 SEK

Ballast

7 Particle Size Distributions

7.1	Particle Size Distribution, Washing and Sieving Material <16 mm e.g. Grain Sizes 0/4, 0/8, 0/16, 8/16, Fine Till	SS-EN 933-1:2012	1 000 SEK
7.2	Particle Size Distribution, Washing and Sieving Material 16-45 mm e.g. Grain Sizes 0/32, 0/45, Coarse Till	SS-EN 933-1:2012	1 700 SEK
7.3	Particle Size Distribution, Washing and Sieving Material 45-125 mm e.g. Grain Sizes 0/70, 0/90	SS-EN 933-1:2012	2 700 SEK
7.4	Particle Size Distribution, Washing and Sieving Material 125-250 mm e.g. Grain Sizes 0/150, DCH15	SS-EN 933-1:2012	4 700 SEK
7.5	Particle Size Distribution, Washing and Sieving Railway Ballast including Particle Length* and Shape Index (LT-Index)	SS-EN 933-1:2012 TDOK 2014:0145 SS-EN 13450 SS-EN 933-4:2008	3 900 SEK
7.6	Hourly rate for handling of sample >250 kg		950 SEK

8 Mechanical and Physical Properties

8.1	Resistance to wear, micro-Deval	SS-EN 1097-1:2024	2 600 SEK
8.2	Resistance to wear of Railway Ballast Class I, micro-Deval	SS-EN 1097-1:2024	3 200 SEK
8.3	Resistance to wear by abrasion from studded tyres, Nordic Ball Mill Test	SS-EN 1097-9:2014	2 600 SEK
8.4	Resistance to fragmentation, Los Angeles Test	SS-EN 1097-2:2020	2 600 SEK
8.5	Particle Shape, Flakiness Index	SS-EN 933-3:2012	1 800 SEK
8.6	Percentage of crushed and broken surfaces, Crushed Surface Ratio	SS-EN 933-5:2022	1 400 SEK
8.7	Assessment of Fines, Sand Equivalent Test	SS-EN 933-8:2012+A1:2015	2 700 SEK
8.8	Particle Density	SS-EN 1097-6:2022	1 100 SEK
8.9	Particle Density + Water Absorption	SS-EN 1097-6:2022	1 700 SEK
8.10	Crushing of rock material* 2 stages Grain Size <180 mm		1 800 SEK
8.11	Crushing of rock material* 2 stages Grain Size >180 mm		3 200 SEK

Ballast

9 Other Analyses and Services

9.1	Laboratory Reference Density and Water Content - Proctor Compaction , material <16 mm, Mould A, Includes a series of 5 compactions	SS-EN 13286-2:2010/AC:2013	3 900 SEK
9.2	Laboratory Reference Density and Water Content - Proctor Compaction , material Grain Size 16-63 mm, Mould B, Includes a series of 5 compactions	SS-EN 13286-2:2010/AC:2013	4 900 SEK
9.3	Humus Content	SS-EN 1744-1:2009 kap 15+A1:2012	700 SEK
9.4	Assessment of Tar Content in Asphalt/Tarmac*	VV publ 2004:90	500 SEK
9.5	PAH in Asphalt/Tarmac including Cryomilling (<1 kg) ¹		2 300 SEK

10 Compaction Tests and Sampling

10.1	Field Technician, hourly rate		950 SEK
10.2	Mileage, per 10 km		85 SEK
10.3	Ballon Density Apparatus*		Quotation
10.4	Nuclear Density Gauge* (Troxler)		Quotation
10.5	Sand Replacement Test*		Quotation
10.6	Plate Load Test* (PLT) ø 300 mm		Quotation
10.7	Plate Load Test* (PLT) ø 600 mm		Quotation
10.8	Dynamic Plate Load Test* (LWD)		Quotation
Price estimation for larger contracts and project-specific solutions can be offered			

*Non Accredited method.

¹ Accredited Subcontractor.

Geology

11 Petrographic Description

11.1	Petrographic Analysis including Thin-sectioning (1 slide) and Expert Opinion*; • Concrete aggregate • Ballast • Asphalt aggregate • Unbound layers	SS-EN 932-3:2022 RILEM AAR-1	13 000 SEK
11.1.1	Additional cost per extra Thin-section slide for Petrographical Analyses*		2 000 SEK
11.2	Quantitative Petrographic Analysis of aggregate*	TDOK 2014:0575	15 000 SEK
11.3	Simplified Petrographic Description*	SS-EN 932-3:2022	6 000 SEK
11.4	Mica Content in fines fraction of aggregate*	TDOK 2014:0144, metod B	3 000 SEK

12 Mapping

12.1	Core Mapping*	Quotation
12.2	Mapping of drill cuttings*	Quotation
12.3	Field Mapping*, hourly rate	1 150 SEK

13 Other Analyses and Services

13.1	Determination of Sulphur content in rocks ¹ S	1 400 SEK
13.2	Determination of Sulphur content and Metals in rocks ¹ As, Ca, Fe, S	1 600 SEK
13.3	Determination of Sulphur content and Heavy Metals in rocks ¹ As, Cd, Co, Cr, Cu, Hg, Mn, Ni, Pb, S, Sb, V, Zn	1 600 SEK
13.4	ABA test + NAGpH test ¹	6 300 SEK
13.5	Radiation Measurement of aggregate and ballast stockpile*	Quotation

*Non Accredited method.

¹ Accredited Subcontractor.

Environmental Soil Testing

14 Sulphur, Hydrocarbons and Metals

14.1	Leaching Test*, sulphide soil (10 leaching steps) including <i>Ca, Fe, S</i> ¹ and Loss on Ignition	MRM-Metoden SS 27105:1990	6 000 SEK
14.1.1	Leaching*, sulphide soil (per extra leaching step)		500 SEK
14.2	pH in soil ¹		600 SEK
14.3	Determination of Sulphur content, Iron, Calcium ¹ <i>Ca, Fe, S</i>		1 200 SEK
14.4	Determination of Sulphur content, Iron, Calcium with pH and pH(ox) ¹ <i>Ca, Fe, S</i>		1 800 SEK
14.5	Determination of BTEX, Aliphatics, Aromatics, PAH and Metals ¹ <i>As, Ba, Cd, Co, Cr, Cu, Hg, Ni, Pb, V, Zn</i>		3 300 SEK

*Non Accredited method.

¹ Accredited Subcontractor.



Contact

Mitta LAB Luleå

Johan Renström, <i>Head of Laboratory</i>	+4670-3687 994	johan.renstrom@mitta.se
Anders Frimodig, <i>Laboratory Engineer</i>	+4670-5672 990	anders.frimodig@mitta.se

On Site, Field Testing, Project-specific Solutions and Mobile Laboratories

Arvid Nilsson Gunnari, <i>Field Project Coordinator</i>	+4676-1120 370	arvid.nilsson.gunnari@mitta.se
Johan Renström, <i>Head of Laboratory</i>	+4670-3687 994	johan.renstrom@mitta.se

Mitta LAB Stockholm

Marcelo Maturana, <i>Laboratory Engineer</i>	+4672-4023 912	marcelo.maturana@mitta.se
Erica Cramton, <i>Laboratory Technician</i>	+4676-1483 957	erica.cramton@mitta.se

Mitta LAB Gothenburg (Göteborg)

Meraf Berhe, <i>Head of Laboratory</i>	+4676-8524 509	meraf.berhe@mitta.se
Helena Seger, <i>Laboratory Engineer</i>	+4676-8524 510	helena.seger@mitta.se

Mitta LAB Lund – Not Accredited

Ann Dueck, <i>Laboratory Engineer</i>	+4670-8630 433	ad@claytech.se
Viktor Jensen, <i>Laboratory Engineer</i>	+4670-6711 500	vj@claytech.se

Geology, Mitta LAB Sweden

Chattraporn Homkade, <i>Geologist</i>	+4676-7729 336	chattraporn.homkade@mitta.se
Richard Marozsan, <i>Geologist</i>	+4676-1382 871	richard.marozsan@mitta.se
Johan Renström, <i>Head of Laboratory</i>	+4670-3687 994	johan.renstrom@mitta.se

Shipping Address, Luleå	Gammelstadsvägen 5D 972 41 LULEÅ SWEDEN	prover.lulea@mitta.se
Shipping Address, Stockholm	Västbergavägen 24 B7 126 30 HÄGERSTEN SWEDEN	labb-sthlm@mitta.se
Shipping Address, Gothenburg (Göteborg)	von Utfallsgatan 20 415 05 GÖTEBORG SWEDEN	team@mitta.se
Shipping Address, Lund	Building Delta 6, Ideongatan 3B, LUND	lab-lund@mitta.se



Accreditation and Measurement Uncertainty

Accreditation

Mitta LAB in Luleå, Stockholm and Gothenburg are accredited to SS-EN ISO/IEC 17025:2018 for Laboratory Testing of Ballast-, Soil- and Geotechnical Properties. Mitta LAB in Lund is not accredited. The accreditation means that the laboratories perform analyses impartially and according to current standards and procedures, and regularly perform self-inspection and calibration of equipment, which is guaranteed by Swedac carrying out audit controls. Mitta AB's Laboratories are responsible for ensuring that submitted samples are analyzed according to specified applicable standards.

Measurement Uncertainty

The specified expanded measurement uncertainty is the product of the standard measurement uncertainty multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a confidence level of approximately 95%.

In some cases, the measurement uncertainty has been calculated from static data in the form of a large number of measurements. In other cases, where this is not possible, the measurement uncertainty is calculated from the stated measurement accuracy of the test equipment, reasonable estimates of error readings or theoretical calculations of the requirements of the method descriptions or combinations thereof.

More information can be found in a separate appendix at www.mitta.se.

General Terms and Conditions

General Terms and Conditions for Laboratory Analyses

These General Terms and Conditions (hereinafter the "Terms") applies when you as a customer place an order with Mitta AB. By accepting the Terms, you as a customer acknowledge that you have read and accept the Terms and our processing of personal data.

Prices

When ordering, the prices stated on our website apply www.mitta.se, unless otherwise agreed in writing in advance. Prices are stated per sample or per hour - excluding value added tax (VAT).

Terms of Delivery and Limitation of Liability

Mitta AB is responsible for ensuring that submitted samples are analyzed according to specified method descriptions. The customer is responsible for a safe transport and storage of the samples until they are handed over to the lab. Reported test results only refer to the tested quantity. Measurement uncertainty for accredited methods can be found on our website. The customer is responsible for ensuring that Field protocols and Orders are submitted to the lab in connection with the sample delivery. Submitted undisturbed samples are normally stored for up to three months, longer periods for an additional fee. Other samples will only be saved if such additional order has been confirmed by Mitta AB in writing in advance, and then for a fee. Mitta AB delivers lab results only as PDF-files.

In the event that you as a customer submit material that is classified as environmentally hazardous waste, Mitta AB reserves the right to destroy the material for an additional cost.

The customer is responsible for input data when ordering advanced tests such as Direct Shear and Triaxial test.

All test results are confidential and Mitta AB promises impartial action towards all customers.

Mitta AB's total liability under the agreement is limited to the price you as a customer has paid for the current analysis. Mitta AB is not responsible for errors or delays caused by circumstances beyond Mitta AB's control.

In the case of consulting assignments, Mitta AB follows ABK 09 (the Swedish construction industry's Standard contract).

Mitta AB is certified according to SS-EN ISO 9001, SS-EN ISO 14001 and SS-EN ISO 45001.

Personal data

Mitta AB is in compliance with applicable personal data protection legislation at all times. Mitta AB will process the personal data that you as a customer have provided to us or that we have collected on the website through cookies in order to fulfill our obligations to you as a customer. The data can also be used for identification and statistical purposes. You have the right to request that your personal data be corrected or deleted at any time.

Changes to the Terms

Mitta AB reserves the right to make changes to the Terms. Changes are effective from the time you as a customer have accepted the Terms.

This translation into English is provided for convenience. In case of discrepancy, the original document in Swedish takes precedence. See www.mitta.se for more.