

NIBIO, Dept. Pesticides and Natural Products Chemistry offers analysis of pesticides in water, soil/sediment, and fertilizer. Furthermore, we offer various single residue analyses for organic compounds.

The laboratory was accredited in 1997 and has a flexible accreditation scope. Most of the methods are accredited. Quality assurance and expanding the scope of accredited methods is a continuous priority.



Photo: Erling Fløistad, NIBIO

RFL, April 2024, 2nd edition

Water analyses				
Method/parameter	Method	Accredited	Limit of quantification	Sample price ex. VAT
GC-MS method for polar herbicides (9 compounds)	M15	Yes	0.01 – 0.1 µg/L	NOK 3 640
LC- and GC-MS/MS multi-method for pesticides (128 compounds)	M101	No	0.01 – 0.05 µg/L	NOK 6 375
Bundle M15+M101 (143 compounds)	M15+M101			NOK 7 825
Glyphosate/AMPA; LC-MS/MS	M59	No	0.05 µg/L	NOK 3 640
Linear alcohol ethoxylates (C10, C12, and C14); LC-MS/MS	M67	Yes	1 µg/L	NOK 3 640
Metribuzin + 3 metabolites; LC-MS/MS	M76	No	0.01 – 0.02 µg/L	NOK 3 820
Low-dose herbicides (6 herbicides and 4 metabolites); LC-MS/MS	M72	No	0.0001-0.010 µg/L	NOK 3 820
Fee when ordering without our request forms				NOK 250

Contact the laboratory if you want to determine pesticides not specified in these methods.

Please visit www.nibio.no/en for sampling guidelines and information on completing the analysis request forms.



Photo: Kariane Bogsti, NIBIO

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Analyses of soil and sediments

Method/parameter	Method	Accreditation	Limit of quantification	Sample price ex. VAT
Both multi-methods GC-MS/MS and LC-MS/MS (381 compounds)	M93 og M86	No	0.01 - 0.05 mg/kg	NOK 6 060
GC-MS/MS multi-method (107 compounds)	M93	No	0.01 - 0.05 mg/kg	NOK 3 255
LC-MS/MS multi-method (274 compounds)	M86	No	0.01 - 0.05 mg/kg	NOK 4 295
Linear alcohol ethoxylates (C10, C12, and C14); LC-MS/MS	M77	No	0.2 mg/kg	NOK 3 640
Screening of EFS pesticides (ca 800 compounds); LC-HRMS (Q-Orbitrap)	M121	No	0.01 mg/kg (most compounds)	NOK 6 060
Aminopyralid and clopyralid in soil, compost, and fertilizers; LC-HRMS	M125	No	2 - 7 µg/kg	NOK 3 640
Fee when ordering without our request forms				NOK 250

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