

2020 Price List

NOVA WEST LABORATORY Ltd. began in 1989 as a small quality control laboratory, testing food products for basic nutritional and bacterial information. In 2002, Nova West Laboratory was incorporated and started accepting samples from other private companies and the general public. Today, Nova West Laboratory has greatly expanded its capabilities to analyze different food, soil and water matrixes for many various tests. Clients use Nova West Laboratory's services to ensure compliance with governmental regulations related to the Canadian Food Inspection Agency and the Nova Scotia Department of the Environment as well as to verify their quality specifications and that of their customers. Nova West Laboratory continually strives to provide timely, efficient and accurate analytical services for our customers. We take pride in the fact that this dedication has led us to be the foremost analytical laboratory in Southwestern Nova Scotia. Nova West Laboratory is in good standing with ISO 17025 standards and is also audited on a regular basis by the Canadian Association for Laboratory Accreditation. [visit <http://www.cala.ca/scopes/3225.pdf> to view the current Scope of Accreditation]

Available tests include but are not limited to:

- Microbiological - Presence and/or enumeration of **coliforms, E. coli, staphylococci, aerobic plate count, yeasts and moulds, Listeria, Salmonella, and Vibrio.**
- Environmental - Chemical and physical parameters such as **Heavy Metals, Minerals, Biological Oxygen Demand, Total Suspended Solids** on water and wastewater samples.
- Chemical - **Salt, Ash, Fat, Protein, Water Activity, Moisture content** and **Titrateable Acid** determinations on various food/feed products.
- Specialty tests and services can be carried out at our fee rate of \$150.00 per hour.

Samples should be delivered to the lab Mondays through Fridays, between the hours of 8 a.m. to 4 p.m. Water samples are not accepted on Fridays and food/feed samples for bacterial testing may not be started if results would be expected during the weekend. Samples delivered to the laboratory requiring weekend work and "rushed samples" will be subject to higher fees.

Adam Hankinson
Laboratory Manager

Steven Barr
Business Manager

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Positive result price & turnaround - is in addition to - test result price & turnaround

Microbiology	Reference Method	Amount	Price / Turnaround	Price / Turnaround
FOOD SAMPLES			<i>Test Results</i> ¹	<i>Positive Results</i> ¹
<i>Staphylococcus aureus</i> (Count) ^{1&2}	MFLP-21	50 g	30.00 / 2 days	60.00 / 7 days
<i>Listeria</i> Species (A/P) ^{1&2}	MFLP-77 & MFHPB-07	50 g	55.00 / 2 days	60.00 / 7 days
<i>Listeria monocytogenes</i> (Count) ¹	MFLP-74	50 g	70.00 / 2 days	60.00 / 7 days
Total Coliforms (MPN) ²	MFLP-106	50 g	15.00 / 1 day	N/A
<i>Escherichia coli</i> (MPN) ²	MFLP-107	50 g	15.00 / 1 day	N/A
Total Coliform & Fecal & <i>E. coli</i> (MPN) ^{1&2}	MFHPB-19	200 g	50.00 / 4 days	60.00 / 7 days
Yeast and Mould (MPN)	MFLP-108	50 g	25.00 / 3 days	N/A
Standard Plate Count (Aerobic)	MFLP-105	50 g	25.00 / 1 day	N/A
<i>Salmonella</i> Spp. (A/P) ^{1&2}	MFLP-49 & MFHPB-20	50 g	55.00 / 1 day	60.00 / 7 days
<i>Vibrio parahaemolyticus</i> (MPN) ^{1&2}	MFLP-37	10-12 shellfish	80.00 / 2 days	60.00 / 7 days
<i>E. coli</i> O157:H7 (A/P) ¹	MFLP-98	50 g	50.00 / 2 days	60.00 / 7 days
Enterobacteriaceae (MPN)	TEMPO	50 g	30.00 / 1 day	N/A
ENVIRONMENTAL SWABS				
<i>Listeria</i> Species (A/P) ^{1&2} - individually	MFLP-77 & MFHPB-07	1 swab	60.00 / 2 days	60.00 / 7 days
<i>Listeria</i> Species (A/P) ^{1&2} - composited	MFLP-77 & MFHPB-07	2-10 swabs	80.00 / 2 days	60.00 / 7 days
<i>Salmonella</i> Spp. (A/P) ^{1&2} - individually	MFLP-49 & MFHPB-20	1 swab	60.00 / 1 day	60.00 / 7 days
WATER & WASTEWATER				
Total Coliforms & <i>Escherichia coli</i> (A/P) ²	SM 9223 (IDEXX)	100 mL	32.00 / 1 day	N/A
Total Coliforms & <i>Escherichia coli</i> (MPN) ²	SM 9223 (IDEXX)	100 mL	42.00 / 1 day	N/A
Total Coliform & Fecal & <i>E. coli</i> (MPN) ^{1&2}	MFHPB-19 (Multiple Fermentation)	100 mL	50.00 / 4 days	60.00 / 7 days
Fecal (Thermotolerant) Coliform (MPN) ²	SM 9221 E2 (A1 Method)	250 mL	35.00 / 1 day	N/A
Total Coliform (MPN)	Neogen ISO-GRID Membrane Filtration	100 mL	40.00 / 1 day	N/A
Heterotrophic Plate Count (Count)	SM 9215 C. (Spread Plate)	100 mL	35.00 / 2 days	N/A

¹ Positive/high results will be subject to higher pricing.

² Accredited method.

³ Method pending accreditation.

⁴ Depends upon which day of the weekday the samples arrive at the lab and if results will not be processed during the weekend.

⁺ All prices are before taxes and may change without notice. Please contact lab for up-to-date pricing.
⁺⁺ Weekend work and rush samples will be subject to additional surcharges (\$50 & 100% respectively).
⁺⁺⁺ HST# 86059 5057 RT0001

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Food Chemistry	Reference Method	Amount	Price / Turnaround
FOOD SAMPLES			
Moisture (%) ²	AOAC 934.01	50 g	35.00 / 1 day
Ash (%)	AOAC 942.05	50 g	30.00 / 1 day
Fat (%)	AOAC 948.15	50 g	40.00 / 1 day
Crude Protein (%) ²	AOAC 981.10	50 g	60.00 / 1 day
Moisture, Ash, Fat, Protein (package)	See above	200 g	120.00 / 1 day
Salt (%)	MFO-38	50 g	35.00 / 1 day
pH ²	MFHPB-03	250 g	20.00 / 1 day
Water Activity ²	MFLP-66	100 g	85.00 / 1 day
Titrateable Acid (%)	AOAC 942.15	50 g	35.00 / 1 day
Total Volatile Base Nitrogen [TVBN]	DFO (No. 1448) – B.10.B	100 g	30.00 / 2 days
Sensory	N/A	varies	10.00 / 1 day
Inorganics (Heavy Metals, Minerals, ... etc)	ICP-OES	100 g	CONTACT LAB
EDIBLE FATS & OILS			
Peroxide Value	AOAC 965.33	25 g	60.00 / 2 days
Iodine Value	AOAC 993.20	25 g	65.00 / 2 days
p-Ansidine Value	AOCS Cd 18-90	25 g	60.00 / 2 days
Free Fatty Acid	AOCS Ca 5a-40	50 g	60.00 / 2 days
Insoluble Impurities & Moisture	AOCS Ca 3a-46	25 g	100.00 / 2 days
ALCOHOLIC BEVERAGES			
Alcohol (%)	Refractometer	50 mL	25.00 / 1 day
BRIX	Refractometer	50 mL	15.00 / 1 day
Sulphur Dioxide (total)	Titration	100 mL	30.00 / 2 days
SALTS			
Sodium Chloride Content, Moisture, Heavy Metals	Codex Stan 150-1985	500 g	CONTACT LAB

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Environmental	Reference Method	Amount	Price / Turnaround
WATER & WASTEWATER (see submission form for complete list)			
Inorganics [i.e.: Arsenic, Lead, Hardness, Heavy Metals, Minerals] ¹	Various	1000 mL	CONTACT LAB
Biochemical Oxygen Demand [BOD/CBOD] ²	SM 5210	1000 mL	65.00 / 5 days
Total Suspended Solids [TSS] ²	SM 2540 D	1000 mL	30.00 / 5 days
Chemical Oxygen Demand [COD] ²	SM 5220 D	100 mL	45.00 / 2 days
Chlorine (Total or Free)	HACH Methods	50 mL	55.00 / 1 day
Salinity	SM 2520 B	100 mL	6.50 / 1 day
Tannins & Lignins	HACH Method 8193	50 mL	50.00 / 2 days
Total Nitrogen	HACH Method 10071	50 mL	40.00 / 2 days
UV transmittance (UV-254)	HACH Method 10243	50 mL	12.50 / 1 day
SOILS			
Nutrient Analysis [pH, Lime Requirements, Organic Matter, P ₂ O ₅ , K ₂ O, Ca, Mg, Na, S, Fe, Mn, Cu, Zn, Al, B, CEC, Base Saturation, Recommendations]	Various	1000 g	75.00 / 1 week
Pollution (Heavy Metals)	ICP-OES	100 g	CONTACT LAB

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