

Analytical Services

Accuracy, Quality, Resources

When you need accurate results, fast turn around time, and innovative methods development capability, choose POS Analytical Services.

We have what it takes to deliver: comprehensive resources, rigorous underlying systems of quality control, and industry-preferred methods development expertise – all solidly supported by 30 years of experience in the business to guide your investigations.

Client Diversity

Opt for POS Analytical Services and you will be among the best of them – from independent producers and SME's right up to the world's largest organizations. We've worked with them all! Whether you require a single analysis or a comprehensive package of procedures, POS is the preferred analytical service provider of many clients in bio-processing industries. These include industries such as food and ingredients, fats and oils, nutraceuticals and functional foods, biotechnology, cosmetics and animal feeds.

Staying Ahead of Change

We work hard to anticipate client needs so that we are ready when you call. The almost daily discovery of new health ingredients, and ever-evolving regulatory requirements continually present fresh challenges for product development. As a result, product developers must comply with more stringent regulatory oversight and provide technical documentation to back up product claims.

POS Analytical Services will help you meet these challenges. Not only do we provide a substantial cluster of services in-house, but we have also created strong, productive partnerships with a select range of facilities and agencies within the surrounding research community. These are designed to ensure a smooth interface for clients, with leading edge resources and cost effective solutions.

Customized, Integrated Services

When you require investigations beyond routine analyses, we'll tailor our services to match your needs. To assure quality, our scientists and technicians use accepted methodology and follow Good Laboratory Practice and ISO guidelines. They also participate in national and international test programs to assure accuracy. If you are conducting pilot scale research, our analytical services are fully integrated into pilot plant operations.

Selected service areas:

- nutritional labeling analysis
- trans-fatty acid analysis
- damaged oil studies
- shelf life studies
- oil preservation studies
- analytical methods development

See back of sheet for a list of routine analysis

Selected list of routine analyses:

- acetone insoluble matter
- amino acid profile (18 primary)
- amylose (from pure starch)
- anisidine value
- antioxidants
- AOCS AOM
- ash
- beta glucans
- carotenes
- chlorophyll (in oils/oilseeds)
- cholesterol
- cold test
- elemental analysis (ICP-OES)
- erucic acid
- fat (total) acid hydrolysis
- fatty acid composition
- fibre analysis
 - ⇒ crude
 - ⇒ acid
 - ⇒ neutral
 - ⇒ total dietary
 - ⇒ soluble & insoluble
- free fatty acids/acid value
- glucosinolates
- Hunter colour analysis
- Insoluble impurities
- Iodine value
- Karl Fischer moisture of liquid
- KOH protein solubility
- Lovibond/Gardner Colour
- Mettler melting point
- Moisture
- Moisture & volatiles
- Mono & diglycerides
- Neutral oil
- NSI
- Nutritional label analysis
- Oil content
- OSI (Rancimat)
- Oxid & Poly Triglycerides
- Particle size
- PDI
- Peroxide value
- Phospholipids
- Protein
- Refractive index

- Relative density
- Residual solvents GC/MS
- Saponifiables
- SDG
- Soaps
- Starch
- Sterols
- Tocopherols
- Tocotrienols
- Total phenols
- Total polar compounds
- Trans fatty acids (geometric only)
- Trypsin inhibitor
- Unsaponifiable matter
- Unsaponifiable matter (marine oil)
- Urease activity
- Viscosity

About POS Pilot Plant

POS Pilot Plant is a confidential contract research organization for grams-to-tons process and product development. We specialize in extraction, fractionation, purification and modification of biologically derived materials. Choose from a wide selection of fully supported R&D capabilities – all in a cGMP-compliant environment. Our resources are second to none, and you'll benefit from cost-effective methods that maximize your products' ability to compete.

For more information contact:

POS Pilot Plant Corporation
118 Veterinary Road
Saskatoon, Saskatchewan, Canada
S7N 2R4
Phone: (306) 978-2800
Fax: (306) 975-3766
Toll Free: 1-800-230-2751
website: www.pos.ca
E-mail: pos@pos.ca