

Offering Portfolio

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WHAT CAN WE TEST?

Our team brings more than 30 years of experience to the table in the analysis of various animal and plant-based supplements, pharmaceuticals, and raw materials. We've developed numerous, reliable in-house methods for analyzing these matrices.

Below, we've listed only a selection of our services. If you require additional analyses that are not mentioned, please reach out to us.

PHOSPHOLIPID ANALYSES – ^{31}P -NMR

- ❖ Krill (USP)/Fish/Marine products
- ❖ Lecithin/PS products (Soy, Sunflower, Egg)
- ❖ Milk/Infant formula
- ❖ Animal feeds
- ❖ Algae
- ❖ Powders
- ❖ Liquids/oils
- ❖ Syrups/pastes
- ❖ Capsules
- ❖ Gummies
- ❖ Tablets

PHARMACEUTICAL ANALYSES

- ❖ Fraud identification
- ❖ Heparin (USP)
- ❖ Contaminant identification (silicone, etc.)
- ❖ Chitosan (USP)
- ❖ Purity and Assay determination
- ❖ Quantification of reference material
- ❖ Method development and validation under GMP

OTHER ANALYSES

- ❖ Aloe Vera
- ❖ Water determination by Karl Fischer
- ❖ B-Glucan determination
- ❖ Glycolipids
- ❖ Lipid profile
- ❖ Free fatty acid analysis (DHA, EPA, etc.)
- ❖ Chlorophyll
- ❖ Cholesterol

OTHER SERVICES

Rush priority services available

- ❖ We provide this service for our routine analyses under both GxP and non-GxP.
- ❖ Please feel free to reach out to us. We would be happy to provide information about the various timelines for our routine and rush services so we can cater to your needs.

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DIFFERENCE BETWEEN GMP AND NON-GXP SERVICE

Non-GxP / Standard

- ❖ Fast processing of orders
- ❖ Use of validated, matrix-specific methods are optional.
- ❖ No quality agreement required.
- ❖ No OOX investigation available.
- ❖ Retest service available (to be charged if results are confirmed, otherwise retest fee is waived)
- ❖ In-house methods used for analysis.
- ❖ Minimal method development performed for new matrices unless otherwise requested.

GMP

- ❖ Necessary for batch release or pharmaceuticals.
- ❖ Quality agreement in place.
- ❖ Extensive method development.
- ❖ We recommend doing a matrix specific validation study beforehand.
- ❖ For quantification we recommend a minimum of duplicate analysis
- ❖ For qualitative analysis we recommend analysis against a standard (i.e., USP Heparin)
- ❖ OOX investigation performed (report and analysis surcharge).
- ❖ QA review of results.
- ❖ Administration surcharge of 30%.

ANALYSIS METHODS AVAILABLE

Fully validated matrices:

- ❖ Lecithin
- ❖ Krill oil / capsules
- ❖ PS source powder
- ❖ Milk/infant formula

USP methods requiring only verification to demonstrate suitability

- ❖ USP Heparin
- ❖ USP Chitosan

Sample specific validation required:

- ❖ Formulations of fully validated matrices

Validation not required – Only specificity and %-RSD verification

- ❖ Quantification by internal standard of pure materials (>95%)

Methods not yet validated:

- ❖ Gummies
- ❖ Algae
- ❖ Etc.

PAYMENT TERMS

New Customers

- ❖ New customers are subject to payment before release of reports.
- ❖ ACH payments preferred.
- ❖ Credit Card payments available (3% surcharge).

Established Customers

After an established business relationship, customers can enjoy the following:

- ❖ Net30 payment terms