

Chemistry Testing Services

Full Nutritional - Database Nutritional - Analytical

- Ash
- Calcium
- Calories
- Carbohydrate
- Cholesterol
- Dietary Fiber
- Fat
- Iron
- Moisture
 - Forced Air
 - Vacuum
 - Karl Fisher
- Potassium
- Protein
- Sodium
- Sugars
- Vitamin D

Fats And Oils

- Cholesterol
- Free Fatty Acids
- Fatty Acid Profile
 - Monounsaturated
 - Polyunsaturated
 - Saturated
 - Trans
- Iodine Value
- Omega 3
- Omega 6
- Peroxide Value
- Rancidity
- Thiobarbituric Acid

Vitamins

- A (True retinol)
- A (Beta carotene)
- B1 (Thiamine)
- B2 (Riboflavin)
- B3 (Niacin/Niacinamide)
- B5 (Pantothenate)
- B6 (Pyridoxine)
- B7 (Biotin)
- B12 (Cyanocobalamin)
- C (Ascorbic Acid)
- D2 (Ergocalciferol)
- D3 (Cholecalciferol)
- E (Tocopherol)
- K1 and K2

Heavy Metals & Trace

- | | |
|------------|--------------|
| -Aluminum | -Mercury |
| -Antimony | -Molybdenum |
| -Arsenic | -Nickel |
| -Barium | -Phosphorous |
| -Beryllium | -Potassium |
| -Bismuth | -Selenium |
| -Boron | -Silver |
| -Cadmium | -Sodium |
| -Calcium | -Strontium |
| -Chromium | -Thallium |
| -Cobalt | -Thorium |
| -Copper | -Tin |
| -Iron | -Titanium |
| -Lead | -Uranium |
| -Lithium | -Vanadium |
| -Magnesium | -Zinc |
| -Manganese | -Zirconium |

Pharmaceutical & Nutraceutical

- | | |
|-----------------|-----------------|
| -Camphor | -Homosalate |
| -Ethanol | -Octinoxate |
| -Eucalyptol | -Octisalate |
| -Lidocaine | -Octocrylene |
| -Menthol | -Oxybenzone |
| -Salicylic Acid | -Padimate O ETC |
| -Aspirin | -Mitragynine |
| -Avobenzon | -Kratom |
| -Caffeine | -Sorbate |
| -CoQ10 | -BHA |
| -Preservative | -BHT |
| -Paraben | -TBHQ |

Sugars

- Brix
- Individual Sugars
- Sugar Profile

USP

- Conductivity <USP 645>
- TOC <USP 643>
- pH <USP 791>

Residue Analyses / Pesticides

- Individual Pesticides
- Texas DSHS List

Hemp

- Residual Solvents
- THC – Delta 9
- THC – Delta 8
- CBD
- Cannabinoid Profile
- Texas DSHS List
- Pesticide List
- Aflatoxins
- Ochratoxin

Allergens

- Egg
- Milk
- Peanut
- Shellfish
- Soy
- Tree Nut
- Wheat (Gluten)

FDA Hand Sanitizer

- Impurities
- Alcohol

Other

- Hunter Color
- Scoville Heat Units
- Titratable Acidity
- Viscosity, Bostwick & Brookfield
- Water Activity (aw)

Analytical Instrumentation

- UHPLC
- HPLC
- ICP/MS
- LC/MS
- GC/MS
- GC
- TOC
- FTIR
- UV-VIS

Wet Chemistry Equipment

- FOSS- Kieltec Analyzer
- ANKOM Fat Analyzer
- Karl Kischer Titrator
- Mettler-Toledo Titrator
- Ankom Flex Extractor



ONE-ON-ONE ATTENTION

AFL can assist you with product analysis and development, troubleshooting, quality assurance and compliance issues. Routine laboratory analysis is offered on a per test basis and to meet your needs.



INDUSTRY SPECIALIZATION

We work with manufacturers, private label businesses, hospitality, catalog and food service companies, and suppliers as well as support in-house capabilities.



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Get in touch