



Pet Food Services





Pet Food Sector Services

Pet food manufacturers are increasingly focussed on the quality of pet foods, particularly for dogs and cats, to meet the changing demands of pet owners.

Sciantec is an independent, UKAS accredited laboratory widely recognised in the UK as a leading provider of analytical services to the pet food sector.

We offer nutritional analysis and microbiology testing on Finished Products (Kibble, Processed and Raw) and Raw Materials.

Our testing services cover;

Nutritional Analysis – Including Moisture, Oil, Protein, Fibre, Ash, Minerals and Vitamins, Starch, Amino Acids & Fatty Acid profile including Omega 3 and 6.

Microbiological Testing – Including Salmonella, Enterobacteriaceae, TVC, Cl. Perfringens, Yeast & Mould.

Undesirables Analysis – Including Heavy Metals & Mycotoxins.

Quality Indicators – Including Starch Gelatinisation, Pepsin Digestibility, Peroxide Value, Free Fatty Acids.



Vitamin Analysis

Vitamin A
Vitamin B1 (Thiamine)
Vitamin B12 (Cyanocobalamin)
Vitamin B2 (Riboflavin)
Vitamin B3 (Niacin)
Vitamin B6 (Pyridoxine)
Vitamin C
Vitamin D3
Vitamin E

Nutritional Analysis

Amino Acid Profile (excl tryptophan)
Ash
Crude Fibre
Gross Energy
Moisture - Oven
Oil A & B
Pet Feed Energies
Omega 3 & 6
Protein
Salt
Starch (enzymatic)
Starch (polarimetric)
Taurine
Tryptophan

Quality Indicator Tests

Pepsin Digestible Protein (incl Protein)
Anisidine Value
Biogenic Amines
Free Fatty Acids
Impurities in oil
Peroxide Value
Starch Gelatinisation (incl polarimetric starch)
Water Activity

Heavy Metals

Arsenic (ICP-MS)
Cadmium (ICP-MS)
Lead (ICP-MS)
Mercury (ICP-MS)

Microbiology

Clostridium perfringens
Enterococci Spp
Enterococci ABPR
Enterococci Feed
Enumeration of E.Coli
Mould
Salmonella ABPR
Salmonella in Feed
TVC - Aerobic
TVC - Anaerobic
Yeasts

Mycotoxin Test by ELISA or HPLC

Aflatoxin
Deoxynivalenol
Ochratoxin
T2
Zearalenone
Fumonisin
Mycotoxin 5 screen by ELISA
Mycotoxin 6 screen by ELISA

Mineral Analysis

Calcium
Copper
Iron
Magnesium
Manganese
Phosphorus
Potassium
Sodium
Zinc

Other

Chromium (ICP-MS)
Iodine (ICP-MS)
Selenium (ICP-MS)
BHA
BHT

Please enquire if any test you require is not listed above or to request a quote.



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Web Portal Online Access

In addition to automated e-mailing of results, Sciantec offer an online service, allowing customers to securely view their own samples in- progress as well as previously completed results. Search facilities allow managing of results and exporting to spreadsheets.

Quality Assurance Schemes and Accreditation

So that you can rest assured that your test results are accurate and meaningful, we maintain a comprehensive internal Quality System in which every test is carried out to a strict Standard Operating Procedure. Our professionalism and quality is recognised and strengthened by UKAS (United Kingdom Accreditation Service) accreditation (ENISO/IEC17025:2005).

To view our range of UKAS accredited tests please see our certification under the Quality Section of our website.

If you would like to discuss further your analytical requirements, please don't hesitate to get in touch.

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