



Food chemistry

ALS prides itself on its extensive range of testing services.

Below is an outline of the chemistry testing services that ALS provide.

If the tests you are looking for are not listed then please contact the Sales and Marketing Team to discuss this as ALS are able to sub-contract a wide range of specialised tests through its network of external partner laboratories.



Scope of services

Nutritional Information Panel

- Energy
- Protein
- Fat – Total, Saturated, Trans, Monounsaturated, Polyunsaturated
- Carbohydrates – Total, Sugars
- Sodium

Other Nutrients

- Total Dietary Fibre
- Crude Fibre
- Cholesterol
- Omega 3, 6 & 9
- Vitamins
- Minerals
- Sugar profiles

Chemical Contaminants

- Domoic Acid
- Sulphur dioxide

Chemical Spoilage Indicators

- Histamine
- Free Fatty Acids
- Peroxide Value

Other Tests

- pH
- Water Activity
- Amino Acids
- Scoville Heat Unit
- Brix

Pesticides

- Department of Agriculture IFIP Screen
- C3 Screen
- C5 Screen
- C6 Screen

Heavy metals

Mycotoxins

- Aflatoxins
- Vomitoxins
- Ochratoxins

Preservatives/Additives

- Sorbic Acid
- Benzoic Acid
- Sulphites
- Nitrites/Nitrates
- Caffeine
- Alcohols

Other Services

- Meat Speciation
- Chemical Lean
- Foreign Objects/ Investigation
- Nutritional Information/ Labelling