

# ICNE Test List 2018



The list below shows commonly requested tests which we are capable of performing either at our site or via one of our approved subcontracted laboratories.

If the testing you require is not featured in the list below then please contact us directly to discuss your requirements further.

Appearance
Odour
Spreadability / consistency / Texture
Formation (of capsule shells)
User Trial (leather products only)
Taste
Gardner Colour Wheel
Solubility
Degree of Colouration of a solution
Degree of Clarity / Opalescence of a solution
Viscosity (Brookfield Method)
Melting Point
Melting Point for Aspirin derivative (incl prep)
pH
pH Solution Preparation
Weight per ml
Specific Gravity
Karl Fisher - Water Content by Titration
Sulphated Ash
Total Solids / NVM (ph Eur)
Loss on Drying (Ph Eur)
Boiling Point
Centrifuge Test / Suspension Stability
Emulsion Stability
Optical Rotation
Specific Optical Rotation
UV-Vis Purity / Assay
Alkalinity - Ph Eur
UV-Vis Identification
Water Soluble Extractive (prev Aloin Assay)
Disintegration
Average weight (caps & tabs)
Conductivity
Oxidisable Substances
Refractive Index
Ethanol Content (oscillating meter)
Oxidising Substances (General)
Length Measurement (Digital Calipers)
Swelling Power
Sugar Content by Density Meter
Stearic Acid & Palmitic Acid Content
Congeaing Point
Residue on Evaporation
Bulk Density
Volatile Oil Content
Melting Range and Temperature (USP)
Lumisizer Analysis of Stability - Sedimentation
Unsaponifiable Matter (BP - Appendix H X Method 1)
Water Activity (by meter)
Disintegration of Gastro-Resistant Tablets (PhEur)
Average weight (caps & tabs) (PhEur Method)
Particle Size Analysis - Laser diffraction by Malvern Mastersizer 3000
Alcohol content
Tapped Density
Water Content by Coulometric Titration (PhEur 2.5.32)
Aspirin C (Ph Eur)
AspirinD (Ph Eur)
Brij ID D (Macrogol Lauryl Ether)
Bromide A (Ph Eur)
Bromide B (Ph Eur)
Bronopol - Id B
Calcium ID I (Food Crodex)

Carbonates - FCC 6 Appendix IIIA
Carbonates B
Chlorides A (Ph Eur)
Chlorides B (Ph Eur)
Chlorhexidine A (Ph Eur)
Chlorhexidine C (Ph Eur)
Chlorhexidine D (Ph Eur)
Chloroaniline for Chlorhexidine (Ph Eur)
Citric acid C (Ph Eur)
Citric acid D (Ph Eur)
Copper Sulphate Pentahydrate ID A
Ferric Iron (Fe 3+)
Heat / Flame ID Test
Phosphate A & B (Ph Eur)
Magnesium A (Ph Eur)
Manganese (Food Codex)
Nitrates
Potassium A (Ph Eur)
Potassium B (Ph Eur)
Potassium Bromide B (Ph Eur)
Sodium Hydroxide A (Ph Eur)
Sodium Hydroxide B (Ph Eur)
Starch ID B (USP)
Sulphates A (Ph Eur)
Vitamin E
Zinc (USP)
FTIR Identification
Crodex A ID C
Crodex A ID D
Iodide ID
Flash Point Testing
Benzoates ID B Ph Eur
Sodium ID A Ph Eur
Magnesium Stearate ID D
TLC Miconazole Nitrate - Ph Eur
TLC Chlorhexidine Di Gluconate
TLC Arachis Oil - Ph Eur
TLC Vitamin E
3-Aminopropionic Acid Impurity
TLC Powdered Ashwagandha Root Extract ID (USP) (Excl Std)
Chondroitin Assay - Raw Material (Ph Eur / USP)
Chondroitin Assay - Finished Product (Ph Eur / USP)
Glucosamine Assay - Raw Material (AOAC)
Glucosamine Assay - Finished Product (AOAC)
NADG - Raw material & Finished Product (AOAC)
Inulin
Potassium Bromide Content
SAME Assay / Content HPLC
Vitamin A
Vitamin B1
Vitamin B2 (Riboflavin)
Vitamin B3 (Nicotinic Acid)
Vitamin B5 (Pantothenic Acid)
Vitamin B6
Vitamin B9 (Folic Acid)
Vitamin B12
Vitamin C (Ascorbic Acid Only) Content
Vitamin C (phosphorylated Compounds) Content
Vitamin D3
Vitamin E
Biotin (Vitamin H)
Vitamin K3 (menadione)
Total Amino Acid profile including Tryptophan
Lysine
Methionine

Threonine
Tryptophan
Iodine Content
Aflatoxins (B1, B2, G1, G2) by HPLC
S&M Isothializone Content / Assay
Silybinin Content
Lysine HCl Assay (In-house)
Alpha Lipoic Acid Assay
Glucosamine HCL RM Assay by Autotitrator
Amino acids Assay by HPLC
Lutein Content
Vitamin A Finished Products
Vitamin A Raw Materials
Kavalactones in RM/FP
Sodium Benzoate Content/Assay in Shampoo
Manganese Assay by AAS
Total Amino Acid profile Excluding Tryptophan
DEET Assay by HPLC
Miconazole Nitrate by HPLC (BP)
Xanthan Gum (Ph Eur)
L-Valine Assay (USP)
Sucralose Assay by HPLC with RI detector (Excl standard)
Curcuma Phospholipid HPLC Assay (Excl Standard)
Procyanidin Assay (USP) (Exl Standard)
Rhein Assay in Rhubarb Root by UV-Vis(Ph Eur)
Caffeine Anhydrous (USP)
Calcium Pantothenate Assay (Ph.Eur)
% Sodium Alkyl Sulphates (BP) (Must also perform Water Content)
Potassium Gluconate Assay (USP)
Aluminium Oxide in Smectite
Silicon Dioxide in Smectite
Sorbic Acid (Customer own method) HPLC
Benzalkonium Chloride Solution Assay (USP)
Anisidine Value (Ph Eur)
Acetylcysteine Assay (USP)
Lutein
Vitamin C
Taurine
Acidity - Ph Eur
Acid Value - Ph Eur / BP
Aspirin Assay RM (Ph Eur)
Chlorhexidine Assay RM (Ph Eur)
Citric Acid Assay RM (Ph Eur)
Determination of Cationic Activities
Determination of Anionic Activities
Hydrochloric Acid Assay (ph Eur)
Iodine Value
L-Tryptophan Assay RM (Ph Eur)
Miconazole Assay RM (Ph Eur)
Oxalic Content (Ph Eur)
Peroxide Value - Ph Eur / BP
Potassium Bromide Content
Sodium Hydroxide Ph Eur inc. Carbonates
TEA Assay (Trolamine Content)
Betaine Content
Bronopol Assay - Ph Eur
Saponification value
Complexometric Titration
Sodium Benzoate Assay (Ph Eur)
Alkaline Impurity
Monosodium L-Glutamate (Food Codex)
L-Cysteine HCL MonoHydrate Assay (Ph Eur)
Alcohols (%) (BP) (Must also perform Unsaponified Matter analysis)
Betaine Hydrochloride (USP)
Iodine Value (BP)
Saponification Value (BP)
Sodium Bisulphite Assay (JECFA)
Potassium Hydrogen Carbonate (Bicarbonate) (PhEur)

# ICNE Test List 2018



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Disodium Pyrophosphate (JECFA)
Glutathione (Ph Eur)
Edetic Acid (EDTA Assay (PhEur)
Glutamine Assay (USP)
Acetylcysteine Assay (PhEur)
Thiamine Nitrate (Vitamin B1) assay - Ph Eur
Ascorbic Acid content in Effervescent Tablets
Copper Sulphate Pentahydrate Assay (PhEur)
Vitamin C assay in finished product - USP Method 1
Magnesium Hydroxide Assay (PhEur)
Magnesium Hydroxide Assay (USP)
EPA & DHA Quantitation of oils
Fatty Acid Profile
Fatty Acid Composition - Ph. Eur. 2.4.22 Method A
Phytanic Acid in Fish Oil
Bromates in Potassium Bromide (Ph Eur)
Carbonisable Substances of Citric acid (Ph Eur)
Chloride Limit (USP)
Free Chlorine - Ph Eur
Heavy Metals Limit (Ph Eur) A
Iodides in Potassium Bromide (Ph Eur)
Iron Limit (Ph Eur)
Magnesium Assay (Ph Eur)
Sulphate Limit (USP)
Lead Limit by AA
Arsenic levels
Nitrates - Ph. Eur.
Uniformity of Content
Potassium Limit by AA
Potassium Limit by AA
Heavy Metals Limit (Ph Eur) C
Dioxin
Ethylene Oxide
Pyruvic Acid Content in Xanthan Gum
Ascorbic Acid Impurity E (PhEur, BP)
Investigational Work / Consultation
Document Updates
Waste Management
Storage of Reference Samples
Bulk Product Adjustment: Viscosity Trial
Bulk Product Adjustment: pH Trial
Expenses
Admin Charge
Miscellaneous Charge
C of A Check
Swabbing
Screening for Banned Substances
TVC
Yeasts & Moulds
Enterococcus Species Count
Surface Swabs for cleaning validation (colony count)
IgG content RID
E.Coli Presence/Absence
Salmonella presence/Absence
Challenge Testing
Probiotic Quantitation (Lactobacillus Acidophilis)
Staphylococcus Aureus Count
Pseudomonas Aeruginosa Count
Coliforms count
GMP Challenge Testing

Aerobic mesophilic spore forming bacteria
Mesophilic anaerobic spore count
<i>Bacillus</i> spp count
Direct Microscopy - organisms
EBL Antibody Presence (ELISA)
Johnnes Antibodies (ELISA) & Presence (PCR)
Oil B - for product containing milk ingredients ONLY
Total Oil
Protein
Crude Fibre
Lactose Content
LOD in vacuo
Ash (Animal feed or Dairy ONLY)
Mineral Testing: Ca, Cu, Fe, Mg, P, K, Na, Zn etc ICP
Selenium testing
Sulphur Testing
Cellulose Testing
Salt
Energy (kJ & kcal)
Total Sugar as Sucrose by Luff Schoorl Method (not a sugar profile)
Nickel
Cadmium
Lead
Starch
Total Dietary Fibre (AOAC)
Neutral Detergent Fibre
Arsenic (ICP-MS)
Fluoride
Group 1 Nutritional (Moisture/Total Fat/Protein/Ash/Carbs by Difference/Energy KCal & KJoules + AOAC Dietary Fibre)
Group 2 Full Nutritional ((Moisture/Total Fat/Protein/AOAC Dietary Fibre/Ash/Carbs by Difference/Sugars/Sats, Mono & Poly Unsat. Fatty Acids/Sodium/Energy KCal & KJoules)
Total Sugar by HPLC (Incl fructose, glucose, sucrose, maltose and lactose) (Not sugar profile)
Mercury
Boron
Histamine
Total Volatile Basic Nitrogen
Cobalt
Nitrogen
Protein via Kjeldahl Method
Collagen (calculated from hydroxyproline level)
Total Dietary Fibre (AOAC) - Excluding Inulin
Chlorhexidine Gluconate Related Substances (Ph Eur)
Miconazole Nitrate Related Substances (Ph Eur)
Bronopol Related Substances
Aspirin Related Substances
Aspartame Related Substances (Diketopiperazine ONLY) (Ph Eur)
Glycolic Acid Related Substances
Acesulfame Potassium Organic Impurities