



Dairy Products

Chocolates

Complete as per IS: 1163 - 1992

Varieties:

Blended Chocolate
Milk Chocolate & Milk Covering Chocolate
Plain Chocolate & Plain Covering Chocolates
White Chocolate
Unsweetened Covering Chocolate

Condensed Milk, Partly Skimmed Milk, Skimmed

Condensed Milk

Complete as per IS: 1166 - 1986 (1,4,6,10,14,19,20,22,25,29)

Ice-cream

Complete as per IS: 2802 – 1964

Malted Milk Food (Without Cocoa Powder/ With Cocoa Powder)

Complete as per IS: 1806 – 1975

Milk

Complete as per EIC Annexure 1 Specifications

Complete as per PFA

Milk Powder

Complete as per IS: 1165 - 1992

Milk Powder - Skimmed (Standard)

Complete as per IS: 13334 - 1992 (Part 1)

Milk Powder - Skimmed (Extra Grades)

Complete as per IS: 13334 - 1992 (Part 2)

Pasteurized / Toned Milk

Complete as per PFA

Paneer

Complete as per IS: 10484 – 1983, PFA

Infant Milk Formulae (Baby Food)

Other milk based derivatives (Cheese, Butter, Cream, Casein, Whey, Yoghurt, Milk Substitutes etc.)

CLL's Dairy Services

Quality Parameters for Dairy Products

Microbiological

Clostridium Botulinum & C. perfringens
Coliforms & E coli
Listeria monocytogenes
Salmonella, Shigella, Streptococci
Staphylococcus aureus
Total Bacterial Count
Total Coliform Count
Total Microbial Count
Vibrio cholera & V. parahemolyticus
Yeast & Mould

Vitamins

A, B1, B2, B6, B12, C, D, E, K, Choline, Folic Acid, Biotin, Pantothenates (CP, DP)
(also available Nutritional Profiling of Dairy Products)

Minerals / Micro-nutrients

Ca, Fe, I, K, Mn, Mg, Na, P, Se, B, Zn

Adulterants in Milk

Detergent, Starch, Urea, Vegetable Oil, Animal Fat,

Aflatoxins & other Mycotoxins

Total Aflatoxins (B1, B2, G1, G2) - By ELISA or HPLC (/MS)
Aflatoxin M1 - By ELISA or HPLC (/MS)

Antibiotic Residues

Residue - Antibiotics (Individual by HPLC (/MS))
Residue - Antibiotics (Screening for 20 Antibiotics)

Heavy / Toxic Metals

Cu, Fe, Zn, Hg, Pb, As, Cd, Sn, Ni (By AAS – Flame or graphite furnace)

Pesticide Residues

Composite package of 11 most commonly used Pesticides
Over 300 pesticide residues can be identified
CODEX / FAO recommended MRLs for Pesticide Residues

Other Tests

Lysozyme, Lactose, Whey protein, etc.

Dioxins

Preservatives & Banned Dyes / Colours
Shelf-Life Studies

For further information on CLL's Dairy Quality Assurance Services, please contact info@choksilab.com.