

Dairy Standards & Reagents

Analytical tests to evaluate dairy products cover a wide variety of materials of different chemical and physical composition. These include products that contain milk in either dilute or concentrated format, various consistencies ranging from liquid to solid and in some instances products that have several non dairy products added.

Because of this variety the fitness for purpose aspect in selecting the most appropriate methodology is critical. Method selection will also depend on whether the test is being carried out for regulatory or compliance reasons, for quality control, quality assurance, food safety, or product stability purposes.



Reagecon manufactures a wide range of Physical and Chemical Standards that are appropriate to the testing of dairy products. Several of these products, which are specific or unique to the dairy industry, are listed in this section. Several others relating to the measurement of pH, Conductivity, Refractive Index, Density, Metals and Anions are listed under the appropriate headings elsewhere in this catalogue.

Standards and reagents relevant to the measurement of vitamins, food additives, preservatives, colours, flavours, fragrances, sugars and sanitisation residues/by-products are currently under development. Updates on this development pipeline can be tracked and viewed at www.reagecon.com.

Reagents & Standards for the Dairy Industry

Product No.	Description	Pack Size
SUFMT1	Gerber Test Sulphuric Acid FMT d. 1.815-1.825	1L
SUFMT5	Gerber Test Sulphuric Acid FMT d. 1.815-1.825	5L
SUFMT25	Gerber Test Sulphuric Acid FMT d. 1.815-1.825	25L
SUFMTJ	Gerber Test Sulphuric Acid FMT d. 1.815-1.825	2.5L
BOA21	Kjeldahl Reagent 2% w/v Boric Acid Solution without indicator	1L
BOA25	Kjeldahl Reagent 2% w/v Boric Acid Solution without indicator	5L
BOA10	Kjeldahl Reagent 2% w/v Boric Acid Solution without indicator	10 L
BOA225	Kjeldahl Reagent 2% w/v Boric Acid Solution without indicator	25L
S30WW5	Kjeldahl Reagent 30% w/w (40% w/v) Sodium Hydroxide	5L
S30WWLN	Kjeldahl Reagent 30% w/w (40% w/v) Sodium Hydroxide	5L

Product No.	Description	Pack Size
KJR015	Kjeldahl Reagent 4% w/v Boric Acid Solution with indicator	5L
BOA41	Kjeldahl Reagent 4% w/v Boric Acid Solution without indicator	1L
BOA4	Kjeldahl Reagent 4% w/v Boric Acid Solution without indicator	5L
BOA425	Kjeldahl Reagent 4% w/v Boric Acid Solution without indicator	25L
ST840	Kjeldahl Reagent 40% w/v Sodium Hydroxide/8% Sodium Thiosulphate	25L
ST841	Kjeldahl Reagent 40% w/v Sodium Hydroxide/8% Sodium Thiosulphate	5L
WTR045	Barium Chloride Solution 10% w/v	5L
BOAI205	Kjeldahl Reagent 2% w/v Boric Acid with indicator (methylene blue and red methyl)	5L
BOAI225	Kjeldahl Reagent 2% Boric Acid Solution with indicator	25L
BOA3310	Kjeldahl Reagent 3.3% w/v Boric Acid Solution	10 L
PFS1	Indicator Solution Ferroin Indicator	100ml
FEA25	Indicator Solution Iron Alum (Volhard)	250ml
MTR05025	Indicator Methyl Orange Alcoholic Solution 0.1%	250ml
IPT01H	Indicator Phenolphthalein 0.1%	500ml
IPT05F	Indicator Phenolphthalein Alcoholic Solution 0.5%	1L
IPT05W	Indicator Phenolphthalein Alcoholic Solution 0.5%	2.5L
IPT10H	Indicator Phenolphthalein 1%	500ml
IPT10W	Indicator Phenolphthalein Alcoholic Solution 1.0%	2.5L
IPT1025	Indicator Phenolphthalein 1%	250ml
IPT16W	Indicator Phenolphthalein 1.6%	2.5L
PCS5	Indicator Solution Potassium Chromate 5%	500ml
TB04F	Indicator Thymol Blue Alcoholic Solution 0.04%	500ml
NPD03	Phosphatase Test 4-Nitrophenyl Di-Sodium Phosphate	12 x 0.15g
NPD04	Phosphatase Test Carbonate Bi-Carbonate Buffer (Aschafenburg and Mullen Phosphatase Test Buffer)	12 x 2.5g
CH3CN501	Acetonitrile, 50% v/v	1L
BAB2041	Barium Borate-Hydroxide Buffer	1L
BAOH011	Barium Hydroxide, 0.1N	1L
BOR0091	Borax Buffer, 0.00996M	1L
BUT7051	n-Butanol, 7.5% v/v	1L
CUS051	Copper Sulfate, CuSO ₄ , 0.05%	1L
CUS11	Copper Sulfate Solution 1%	1L
CUSSOLA	Copper Sulfate Solution A 440.9mg Cu/25ml	1L
CUSSOLB	Copper Sulfate Solution B 72.5g/L	1L
FESO41	Ferrous Sulfate Solution	1L
PBA101	Lead Acetate Solution (CH COO) Pb, 10%	1L
PB00574	Phosphate Buffer 0.05M pH 7.4	1L
EFSKNO	Electrode Filling Solution Double Junction Bridge Solution 10% w/v Potassium Nitrate	100ml
PP500F	Potassium Permanganate 5% w/v	1L
PP500W	Potassium Permanganate 5% w/v	2.5L
S2WW1	Sodium Hydroxide 2% w/v	1L
ZS601	Zinc Sulphate, ZnSO ₄ , 6% w/v	1L