

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 |