

## Portfolio calibration samples 2026

| Type of product<br>(number of samples in set) | Range                                                              | Reported parameters                 |
|-----------------------------------------------|--------------------------------------------------------------------|-------------------------------------|
| Raw milk - fat (7), protein (5), lactose (5)  | 0.05 - 6% m/m fat, 1.7 - 5.1 % m/m protein, 2.9 - 5.8% m/m lactose | Fat, protein, lactose               |
|                                               | 9.3 - 14.8% m/m total solids                                       | Total solids <sup>1)</sup>          |
|                                               | 1.2 - 3.9% m/m casein                                              | Casein <sup>1)</sup>                |
| Raw milk – fat (9), protein (5), lactose (5)  | 0.05 - 8% m/m fat, 1.7 - 5.1 % m/m protein, 2.9 - 5.8% m/m lactose | Fat, protein, lactose               |
|                                               | 9.3 - 14.8% m/m total solids                                       | Total solids <sup>1)</sup>          |
|                                               | 1.2 - 3.9% m/m casein                                              | Casein <sup>1)</sup>                |
| Raw milk – fat (7)                            | 0.05 - 6% m/m fat                                                  | Fat, protein, lactose               |
|                                               | 9.3 - 14.8% m/m total solids                                       | Total solids <sup>1)</sup>          |
| Raw milk – fat (4)                            | 9 - 12% m/m fat                                                    | Fat                                 |
| Raw milk – fat (5)                            | 11 - 15% m/m fat                                                   | Fat                                 |
| Raw milk – urea (6)                           | 15 - 80 mg/100 g urea                                              | Urea                                |
| Raw milk – freezing point (8)                 | -0.470°C - -0.540 °C                                               | Freezing point                      |
| Milk – skimmed milk fat (5)                   | 0.05 - 0.27% m/m fat                                               | Fat                                 |
| Milk – skimmed milk protein (5)               | 2.1 - 3.6% m/m protein                                             | Protein, total solids               |
| Milk – somatic cell count (5)                 | 200 - 800 x 1000 cells/ml                                          | Somatic cell count                  |
| Milk – somatic cell count (7)                 | 200 - 2000 x 1000 cells/ml                                         | Somatic cell count                  |
| Cream – fat (2)                               | 20 - 21% m/m fat                                                   | Fat, protein                        |
| Cream – fat (5)                               | 23 - 31% m/m fat                                                   | Fat                                 |
| Cream – fat (6)                               | 33 - 44% m/m fat                                                   | Fat, protein                        |
|                                               | 39 - 48.5% m/m total solids                                        | Total solids <sup>1)</sup>          |
|                                               | 3.1 - 2.6% m/m lactose                                             | Lactose <sup>1)</sup>               |
| Cream – fat (1)                               | 45% m/m fat                                                        | Fat, protein, lactose, total solids |
| Cream – protein (5)                           | 1.7 - 2.6% m/m protein                                             | Fat, protein                        |
| Cream – freezing point (8)                    | -0.450°C - -0.540 °C                                               | Freezing point                      |
| Whey – fat (5), protein (5)                   | 0.04 - 0.36% m/m fat, 0.5 - 1.2% m/m protein                       | Fat, protein                        |
|                                               | 4 - 7% m/m total solids                                            | Total solids <sup>1)</sup>          |
|                                               | 2.9 - 4.7% m/m lactose                                             | Lactose <sup>1)</sup>               |
| Goat milk – fat (5)                           | 2.5 - 6.5% m/m fat                                                 | Fat, protein, total solids          |
| Goat milk – protein (5)                       | 2.0 - 4.5% m/m protein                                             | Protein                             |
| Goat whey – fat (5)                           | 0.05 - 1.0% m/m fat                                                | Fat, protein, total solids          |

<sup>1)</sup> Optional parameter

If you have specific wishes that are not listed above, please contact us for the possibilities.