

CERTIFICATE FOR SHOCK-FROZEN CERTIFIED REFERENCE MATERIAL

Version 1

Batch HP (High Protein) Feb-2024
Intended use FTIR analysis and reference methods

Name	HP	HP Raw	HP Past
Protein	4,790	5,004	4,992
Protein, U (abs)	0,049	0,062	0,136

REFERENCE
Protein ISO 8968-1:2014, Kjeldahl

Production month: Feb-2024
Valid until: Feb-2025

Approval date: 2024.03.20

Approved by: 

Bente Østergaard
CRM Responsible

Eurofins Milk Testing Denmark A/S
Ladelundvej 85
DK-6600 Vejle
Phone: +45 70 22 42 86
Direct: +45 23 29 84 60
E-mail: calibration@ftn.eurofins.com
Website: www.eurofins.dk



INFORMATION REGARDING THE CERTIFIED REFERENCE MATERIAL (CRM)

Description
Shock-Frozen concentrated milk from Danish cows.

The certified reference values are calculated based on accredited reference method results.
The CRM reference values comprise results from seven laboratories.

Homogeneity is evaluated using the individual results from each laboratory and FTIR analysis values from Eurofins Milk Testing Denmark.
Stability is evaluated based on FTIR analysis results from Eurofins Milk Testing Denmark.

The CRM reference values are statistically evaluated using Grubbs's Outlier Test.

Instructions for Handling and Use
The samples are thawed in a water bath to reach a temperature of 40±1°C in approximately 50 minutes.
Gently invert the samples 20-30 times and confirm that the sample material looks like natural raw milk.
The samples are now ready for analysis on an FTIR instrument or can be used as standard by reference methods..
If the samples need cooling before use, do this in a tempered water bath.
The samples must not be stored and reused.

Sample Size
One vial contains 50 mL of sample material.

Validity Period
1 year at -18°C to -20°C.

Storage Information
Store at -18°C to -20°C until use.

Information
If there are any relevant observations regarding the samples, please contact Eurofins Milk Testing Denmark.
E-mail: calibration@ftn.eurofins.com