

Questions concerning our products?

Then contact us:

Tel.: +49 (0) 9826 / 62344 or email: info@qse-gmbh.de

## Product Description

### Certified long term stable standards made of pasteurized milk/cream

#### Product appellation:

- PM1 (product no.: 6016)
- PM2 (product no.: 6022)
- PM3 (product no.: 6023)
- PM4 (product no.: 6017)
- PM5 (product no.: 6018)
- PM6 (product no.: 6019)
- PM7 (product no.: 6020)
- PM8 (product no.: 6025)



#### Product description:

- shock frozen pasteurized milk or cream (cow)
- heat treated:
  - milk: 72 - 74 °C, 30 seconds
  - cream: 105 °C, max. 3 seconds
- PM1 – PM3 homogenized, PM4 – PM8 not homogenized
- no preservatives
- PM1 – PM3: shelf life at least 3 years from date of manufacture
- PM4 – PM8: shelf life at least 2 years from date of manufacture
- storage at ≤ -20 °C



#### Parameters:

Parameter (product)	Range	Method
Fat (PM1 – PM8)	ca. 1,5 - 20,0 g/100 g	Röse-Gottlieb
Protein (PM1 – PM8)	ca. 2,8 - 3,8 g/100 g	Kjeldahl
Dry matter (PM1 – PM8)	ca. 11,0 - 28,0 g/100 g	102 °C
Freezing point (PM1 – PM3)	ca. -0,600 - -0,470 °C	Cryoscopy

For more detailed information please have a look at our product and price list!

#### Application:

- slope and intercept calibration/adjustment of analytical instruments (e. g. infrared instruments)
- comparison and statistical control in reference analysis (e. g. bench chemistry methods)

#### Advantages:

- **long-term stability:** stable reference values over a long period of time
- **secured reference values:** characterization in up to **five different** according to **ISO/IEC 17025 accredited laboratories:**
  - more security in monitoring your measuring equipment
  - accurate calibration saves resources and money
- **no preservatives:**
  - no risks for people and environment
  - no safety precautions and rules of conduct are necessary (e. g. for waste disposal)
- **simple and quick application:** Store – Defrost – Measure

#### Packaging / Consignment:

- packaging unit: PP-plastic-bottles, at least 40 mL per bottle
- availability: normally within a few days, as single bottle or as set
  - Set PM1 – PM3 (product no. 6024) / Set PM4 – PM7 (product no. 6021)
- packaging: styrofoam or cool box with thermal packs
- delivery ex works