

# Reference Material MOSH/MOAH GCxGC-TOF Cheese

## P2206-RMCh2



- Summary -

Please note:

Reference material P2206-RMCh2 is a validated control material and not a certified reference material. The reference material is validated in the ring test P2206-MRT, which is organised, performed, and evaluated according to the requirements of DIN EN ISO/IEC17043 and the “International Harmonized Protocol”. DIN ISO13528 is considered during the evaluation of the submitted results and during homogeneity testing. Details related to the applied statistics are summarised in the full specification, which is provided after purchase of the reference material.

Reference material P2206-RMCh2 consists of 50 g of ground cheese, which is

- stored in PP-vessels at elevated temperatures,
- stored in the vessels together with glues from resealable cheese packings,
- spiked with a PAO,
- spike a white oil,
- spiked with chrysene.

The reference material is validated in ring test P2206-MRT with 5 laboratories. The components of MOSH and MOAH, which can be detected in the material are summarised in table 1.

*Table 1. Components of MOSH and MOAH in the reference material*

n-/i-/cyclo-alkanes
hopanes
steranes
phytane
POSH
PAO
ROSH
ROAH

Furthermore, the material contains alkylated and non-alkylated PAH and pristane which are not specified for the reference material.