

Reference Material MOSH/MOAH GCxGC-TOF Native coconut oil

P2303-RMCo1



- Summary -

Please note:

Reference material P2303-RMCo1 is a validated control material and not a certified reference material. The reference material is validated in the ring test P2303-MRT, which is organised, performed, and evaluated according to the requirements of DIN EN ISO/IEC 17043 and the “International Harmonized Protocol”. DIN ISO 13528 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 P2303-RMCo1 consists of 50 g of a native coconut oil, which

- is contaminated with POSH, and
- spiked with DIPN, and a mixture of different PAH standards.

Chrysene, which is part of the spiked PAH standard was used for homogeneity testing of the reference material.

The reference material is validated in ring test P2303-MRT with 8 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-/multi-branched alkanes
POSH
2- to 5-ring MOAH resp. PAH
DIPN
Absence of PAO
Absence of waxes
Absence of ROSH
Absence of benzothiophenes
Absence of ROAH