

# Method ring test P2101-MRT

## MOSH/MOAH in chocolate by GCxGC-TOF

March / April 2021



### Institut Kirchhoff Berlin GmbH

Berlin, Germany  
Laboratory code 8

#### Test material 1

| Parameter             | n-alkanes | i-alkanes | cyclo-alkanes | POSH | PAO | DIPN | chrysenes |
|-----------------------|-----------|-----------|---------------|------|-----|------|-----------|
| Correctly identified? | yes       | yes       | yes           | yes  | yes | yes  | yes       |

#### Test material 2

| Parameter             | n-alkanes | i-alkanes | cyclo-alkanes | hopanes | steranes | phytane | pristane |
|-----------------------|-----------|-----------|---------------|---------|----------|---------|----------|
| Correctly identified? | yes       | yes       | yes           | yes     | yes      | yes     | yes      |

| Parameter             | POSH* | PAO* | DIPN | naphthalenes | benzanthracenes | chrysenes |
|-----------------------|-------|------|------|--------------|-----------------|-----------|
| Correctly identified? | yes   | yes  | yes  | yes          | yes             | yes       |

\* Absence of POSH and PAO (test material 2).

Bremen, 07 June 2021

*Schindler*