## **Certificate of Analysis**

Product Name: METTLER TOLEDO CALIBRATION SUBSTANCE ME 18870.

BENZOPHENONE

Product Number: 73664

Product Brand: Sigma-Aldrich

Molecular Formula:C13H10OMolecular Mass:182.22CAS Number:119-61-9

**LOT BCCK4599 RESULTS** 

APPEARANCE (COLOR) WHITE APPEARANCE (FORM) POWDER

MELTING POINT 48.0 °C (STANDARD DEVIATION = 0.2 °C)

(FOR MEASUREMENTS IN THERMODYNAMIC MODE

AT 0.2 C/MIN HEATING RATE)

49.1 °C (STANDARD DEVIATION = 0.2 °C)

(FOR MEASUREMENTS WITH A

METTLER TOLEDO THERMOSYSTEM FP900 IN

PHARMACOPEIA MODE AT 1.0 C/MIN HEATING RATE)

50.0 °C (STANDARD DEVIATION = 0.2 °C)

(FOR MEASUREMENTS WITH A

METTLER TOLEDO MP MELTING POINT SYSTEM IN PHARMACOPEIA MODE AT 1.0 C/MIN HEATING RATE)

**EXPIRATION DATE** MAY 2025 **QC RELEASE DATE** 12 MAY 2023

THE MELTING POINT IS AN AVERAGE OF 6 – 12 MEASUREMENTS WITH A METTLER THERMOSYSTEM MP90 THAT IS CALIBRATED WITH PRIMARY STANDARDS.

THE MELTING POINT IS TRACEABLE TO A PRIMARY STANDARD (LGC, LONDON).

Dr. Reinhold Schwenninger

Quality Assurance Buchs, Switzerland

Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.

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