

Certificate of Analysis

Product Name: METTLER TOLEDO CALIBRATION SUBSTANCE ME 18870,
BENZOPHENONE

Product Number: 73664

Product Brand: Sigma-Aldrich

Molecular Formula: C₁₃H₁₀O

Molecular Mass: 182.22

CAS 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)

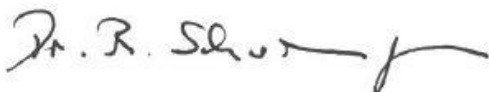
49.1 °C (STANDARD DEVIATION = 0.2 °C)
(FOR MEASUREMENTS WITH A
METTLER TOLEDO THERMOSYSTEM FP900 IN
PHARMACOPEIA MODE AT 1.0 C/MIN HEATING RATE)

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
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