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Certificate of Analysis

Product Name:	METTLER TOLEDO CALIBRATION SUBSTANCE 18555, BENZOIC ACID
Product Number: Product Brand: Molecular Formula: Molecular Mass: CAS Number:	73983 Sigma-Aldrich C7H6O2 122.12 65-85-0
	LOT BCCK5243 RESULTS
APPEARANCE (COLOR) APPEARANCE (FORM)	WHITE POWDER
MELTING POINT	122.3 °C (STANDARD DEVIATION = 0.2 °C) (FOR MEASUREMENTS IN THERMODYNAMIC MODE)
	123.4 °C (STANDARD DEVIATION = 0.2 °C) (FOR MEASUREMENTS WITH A METTLER TOLEDO THERMOSYSTEM FP IN DUADMACODELA MODE AT 1.0 °C (MINULEATING DATE)
	PHARMACOPEIA MODE AT 1.0 °C /MIN HEATING RATE)
	124.3 °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	31 MAY 2023

THE VALUE FOR THE MELTING POINT IS AN AVERAGE OF 6 TO 12 MEASUREMENTS WITH A METTLER TOLEDO MP90 EXCELLENCE MELTING POINT INSTRUMENT THAT IS CALIBRATED WITH PRIMARY STANDARDS.

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

Pr. R. Slump

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.