



BUCHI Certificate of Analysis (CoA)

Product Characteristics

Product:	Melting Point Calibration Kit M-560/565
Order code:	11055018
LOT number kit:	1101824A1
Date of testing:	29/01/2024
Production date:	25/01/2024
Kit expiry date:	28/12/2026 (Discard 12 months after opening)

Components

Substance Name	Specification
4-Nitrotoluene	LOT number substance: BMP053523M1 Certified melting point: $52.2 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/12/2026
Diphenylacetic Acid	LOT number substance: BMP147523M1 Certified melting point: $147.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/12/2026
Caffeine	LOT number substance: BMP236523M1 Certified melting point: $236.6 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/12/2026
Potassium Nitrate	LOT number substance: BMP334523M1 Certified melting point: $334.7 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/12/2026

*: maximum standard deviation, S_{n-1}

The above-mentioned melting point values are for measurements in pharmacopoeia mode at 0.5 °C/min heating rate.

The melting points in this certificate are traceable to primary standards (Laboratory of the Government Chemist, London).

Storage: Room temperature, keep dry and tightly closed.

QC release date: 29/01/2024

Certificate issue date: 31/01/2024

This certificate is electronically generated and does not require a signature.

This certificate must not be reproduced except in full.