



# BUCHI Certificate of Analysis (CoA)

## Product Characteristics

Product:	Melting Point Calibration Kit M-560/565
Order code:	11055018
LOT number kit:	1101822D1
Date of testing:	11/04/2022
Production date:	08/04/2022
Kit expiry date:	28/02/2025 (Discard 12 months after opening)

## Components

Substance Name	Specification
4-Nitrotoluene	LOT number substance: BMP053522D1 Certified melting point: $52.3 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2025
Diphenylacetic Acid	LOT number substance: BMP147522B1 Certified melting point: $147.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/02/2025
Caffeine	LOT number substance: BMP236522B1 Certified melting point: $237.0 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/02/2025
Potassium Nitrate	LOT number substance: BMP334522B1 Certified melting point: $334.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/02/2025

\*: 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: 19/04/2022

Certificate issue date: 19/04/2022

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

This certificate must not be reproduced except in full.