



## BUCHI Certificate of Analysis (CoA)

### Product Characteristics

Product:	Melting Point Calibration Kit M-560/565
Order code:	11055018
LOT number kit:	1101825F1
Date of testing:	25/06/2025
Production date:	24/06/2025
Kit expiry date:	28/06/2028 (Discard 12 months after opening)

### Components

Substance Name	Specification
4-Nitrotoluene	LOT number substance: BMP053525F1 Certified melting point: $52.2 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/06/2028
Diphenylacetic Acid	LOT number substance: BMP147525F1 Certified melting point: $147.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/06/2028
Caffeine	LOT number substance: BMP236525F1 Certified melting point: $236.7 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/06/2028
Potassium Nitrate	LOT number substance: BMP334525F1 Certified melting point: $334.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/06/2028

\*: 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: 25/06/2025

Certificate issue date: 25/06/2025

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

This certificate must not be reproduced except in full.