



BUCHI Certificate of Analysis (CoA)

Product Characteristics

Product:	Melting Point Calibration Kit M-560/565
Order code:	11055018
LOT number kit:	1101826D1
Date of testing:	27/05/2026
Production date:	25/05/2026
Kit expiry date:	28/04/2029 (Discard 12 months after opening)

Components

Substance Name	Specification
4-Nitrotoluene	LOT number substance: BMP053526D1 Certified melting point: $52.0 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2029
Diphenylacetic Acid	LOT number substance: BMP147526D1 Certified melting point: $147.9 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2029
Caffeine	LOT number substance: BMP236526D1 Certified melting point: $236.7 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2029
Potassium Nitrate	LOT number substance: BMP334526D1 Certified melting point: $334.8 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2029

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

The above-mentioned melting point values are for measurements in pharmacopoeia mode at $0.5^{\circ}\text{C}/\text{min}$ 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: 27/05/2026

Certificate issue date: 27/05/2026

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

This certificate must not be reproduced except in full.