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# BUCHI Certificate of Analysis (CoA)

## Product Characteristics

Product:	Melting Point Calibration Kit B-540/B-545
Order code:	037454
LOT number kit:	3745425C1
Date of testing:	28/04/2025
Production date:	25/04/2025
Kit expiry date:	28/03/2028 (Discard 12 months after opening)

## Components

Substance name	Specification
Vanillin	LOT number substance: BMP082125C1 Certified melting point: $82.3 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/03/2028
Phenacetin	LOT number substance: BMP132125C1 Certified melting point: $135.5 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/03/2028
Caffeine	LOT number substance: BMP236125D1 Certified melting point: $236.7 \pm 0.2^{\circ}\text{C}^*$ Expiry date: 28/04/2028

\*: 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: 28/04/2025

Certificate issue date: 28/04/2025

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

This certificate must not be reproduced except in full.