

Shannon Free Zone

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CERTIFICATE OF ANALYSIS

PRODUCT: MELTING POINT STANDARD ANTHRAQUINONE
283 °C to 286 °C

PRODUCT No.: RMP284

LOT No.: R129424G1

DATE OF TEST: 04/07/2024

EXPIRY DATE: 28/07/2027

MENISCUS FORMATION: 285.0 °C ± 0.3 °C

COMPLETE LIQUEFACTION: 285.7 °C ± 0.3 °C

TRACEABILITY: The above certified temperature values are traceable to the ITS-90 Temperature Scale via instrument calibration using Certified Reference Materials provided by the UK Laboratory of the Government Chemist (LGC). The ITS-90 Temperature Scale is recognised as being the practical realisation of the SI Unit of temperature - the Kelvin by all leading international and national metrology institutes, including BIPM and NIST.

The above certified values were recorded at the first appearance of a liquid meniscus and the temperature at which no solid phase is apparent using a high-performance melting point instrument operating at a ramp rate of 1.0 °C/min.

INSTRUCTIONS FOR USE:

Remove a sub-sample; lightly crush using a mortar and pestle to produce a fine powder, dry at 105°C for a minimum of 8 hours then store under reduced pressure in a desiccator containing a suitable desiccant.

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

Date: 05/07/2024

This certificate must not be reproduced except in full.