

**Shannon Free Zone**

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## **CERTIFICATE OF ANALYSIS**

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

**PRODUCT No.:** RMP284

**LOT No.:** RMP28418C1

**DATE OF TEST:** 21/03/2018

**EXPIRY DATE:** 28/03/2023

**MENISCUS FORMATION:** 284.3°C  $\pm$  0.3°C

**COMPLETE LIQUEFACTION:** 285.6°C  $\pm$  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 an IA9200 melting point apparatus 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:** 28/01/2019 – *Supplement to certificate issued on 21/03/2018.*

This certificate must not be reproduced except in full.