

## CERTIFICATE OF ANALYSIS

**Product:** MELTING POINT STANDARD SET  
SULPHANILAMIDE, CAFFEINE, VANILLIN

**Product No.:** SMP-KIT

	Vanillin	Sulphanilamide	Caffeine
<b>Product No.:</b>	MPV821	MPS165	MPC2361
<b>Lot No.:</b>	MPV82114F1	MPS16514F1	MPC23614G1
<b>Date of Test:</b>	19/06/2014	23/07/2014	17/06/2014
<b>Expiry Date:</b>	28/06/2016	28/06/2016	28/07/2016
<b>Meniscus Formation:</b>	81.2°C ± 0.3°C	164.3°C ± 0.3°C	236.9°C ± 0.3°C
<b>Complete Liquefaction:</b>	81.6°C ± 0.3°C	165.5°C ± 0.3°C	237.1°C ± 0.3°C

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°C/min.

### INSTRUCTIONS FOR USE:

Remove a sub-sample, lightly crush using a mortar and pestle to produce a fine powder then dry for 8 hours under reduced pressure in a desiccator containing a suitable desiccant.

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

**Date:** 2<sup>nd</sup> September 2015

This certificate must not be reproduced except in full.