

# Melting Point Standards



## Summary of Features & Benefits:

### Commercial Benefits

- Extensive range
- Can be used with any melting point apparatus
- Presented in high quality glass bottles
- Customised Melting Point Standards also available
- Ready to Use

### Technical Benefits

- Uncertainty of measurement up to  $\pm 0.3^{\circ}\text{C}$
- Consistency of product - Independent, Traceable, Certified
- Certificates of Analysis and Safety Data Sheets available online

The product range includes Benzophenone, Melting Point  $+47$  to  $+49^{\circ}\text{C}$  To Anthraquinone, Melting Point  $+283$  to  $+286^{\circ}\text{C}$ . These products are prepared using the highest purity raw materials. Melting points are determined using a high accuracy Differential Scanning Calorimeter (DSC) system that is calibrated to the ITS - 90 International Temperature Scale. Verification measurements are completed using a high specification melting point apparatus.

## Melting Point Standards

Product No.	Description	Certified Value	Packed in
RMPSET1	<b>Melting Point Standard Set</b>		3 x 1g
	Sulphanilamide	$+164$ to $+166^{\circ}\text{C}$	
	Caffeine	$+235$ to $+237^{\circ}\text{C}$	
	Vanillin	$+81$ to $+83^{\circ}\text{C}$	
RMP236	Caffeine	$+235$ to $+237^{\circ}\text{C}$	1 x 1g
RMP165	Sulphanilamide	$+164$ to $+166^{\circ}\text{C}$	1 x 1g
MPV82	Vanillin	$+81$ to $+83^{\circ}\text{C}$	1 x 0.3g
RMP082	Vanillin	$+81$ to $+83^{\circ}\text{C}$	1 x 1g
RMPSET3	<b>Melting Point Standard Set</b>		3 x 1g
	Phenacetin	$+133$ to $+135^{\circ}\text{C}$	
	Caffeine	$+235$ to $+237^{\circ}\text{C}$	
	Vanillin	$+81$ to $+83^{\circ}\text{C}$	
RMP132	Phenacetin	$+133$ to $+135^{\circ}\text{C}$	1 x 1g
RMPSET2	<b>Melting Point Standard Set</b>		3 x 1g
	Benzophenone	$+47$ to $+49^{\circ}\text{C}$	
	Benzoic Acid	$+121$ to $+123^{\circ}\text{C}$	
	Anthraquinone	$+283$ to $+286^{\circ}\text{C}$	
RMP048	Benzophenone	$+47$ to $+49^{\circ}\text{C}$	1 x 1g
RMP122	Benzoic Acid	$+121$ to $+123^{\circ}\text{C}$	1 x 1g
RMP284	Anthraquinone	$+283$ to $+286^{\circ}\text{C}$	1 x 1g
RMP053	p-Nitrotoluene	$+52$ to $+54^{\circ}\text{C}$	1 x 1g
RMP246	Carbazole	$+244$ to $+248^{\circ}\text{C}$	1 x 1g
RMP159	Salicylic Acid	$+158$ to $+160^{\circ}\text{C}$	1 x 1g