

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. These products are tested and certified using a reference Melting Point apparatus that is calibrated using Certified Reference Materials to give traceability to the ITS-90 Temperature Scale. Both the Meniscus Formation and Complete Liquefaction temperatures are certified.

Melting Point Standards

| Product No. | Description | Certified Value | Packed in |
|-------------|-----------------------------------|----------------------------------|-----------|
| RMPSET1 | Melting Point Standard Set | | 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 | Melting Point Standard Set | | 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 | Melting Point Standard Set | | 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 |