RM10066 3-Benzoylpropionic acid

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<th>Product Number</th>
<th>Packing</th>
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<td>RM10066</td>
<td>25G</td>
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**Product Information**

- **Product Code**: RM10066
- **Product Name**: 3-Benzoylpropionic acid
- **Synonym**: 4-Oxo-4-phenylbutyric acid
- **Molecular Formula**: \( C_{10}H_{10}O_{3} \)
- **Molecular Weight**: 178.18
- **CAS No.**: 2051-95-8
- **EC No.**: 218-135-0
- **HS Code**: 2918 30 00
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to light brown crystals or powder
- **Solubility**: 10 mg soluble in 1 mL of water
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting range**: 114 - 117°C
- **Assay (HPLC / NaOH Titration)**: min. 97.50%

**GHS Safety Information**

- **Hazard Statement(s)**: H315-H319-H335
- **Precautionary Statement(s)**: P261-P305+P351+P338
- **Signal Word**: Warning

**Risk and Safety Information**

- **R-Phrase(s)**: 36/37/38
- **S-Phrase(s)**: 26-36
- **WGK**: 3
- **Storage Temperature(°C)**: Store below 30°C
- **Hazard Symbol(s)**: 

**Transport Information**

- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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