### Product Information

**Product Number**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tr>
<td>GRM121</td>
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**Product Information**

- **Product Code**: GRM121
- **Product Name**: Methyl red, Certified
- **Synonym**: Acid red 2; 4-Dimethylaminoazobenzene-2'-carboxylic acid
- **Molecular Formula**: C₁₅H₁₅N₃O₂
- **Molecular Weight**: 269.30
- **CAS No.**: 493-52-7
- **EC No.**: 207-776-1
- **HS Code**: 2927 00 00
- **Colour Index No.**: 13020
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: Dark red to maroon to purple crystals or powder
- **Solubility**: 20 ppm in methanol yields clear solution
- **Visual pH Transition**: pH 4.20 (pink)- pH 6.20 (yellow)
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Absorption maxima**: 405 - 415 nm (20 ppm in methanol)
- **Loss on drying (at 110°C, 1 hr)**: <= 5.00%

**Risk and Safety Information**

- **WGK**: 3
- **RTECS**: DG8960000
- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

- **Marine Pollutant**: -
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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