GRM119      Bromocresol purple, Hi-Cert™/ACS

Product Number       Packing
GRM119               5G

Product Information
Product Code          : GRM119
Product Name          : Bromocresol purple, Hi-Cert™/ACS
Synonym              : 5'-Dibromo-o-cresolsulphonphthalein, Certified; Bromcresol purple sultone form
Molecular Formula     : C_{21}H_{16}Br_{2}O_{5}S
Molecular Weight      : 540.22
CAS No.               : 115-40-2
EC No.                : 204-087-8
HS Code               : 2934 99 90
Shelf Life            : 4 years

Technical Specification
Appearance            : Grey to light purple or pink to yellow-tan crystals or powder
Solubility            : 20 ppm in 50% ethanol yields clear solution
Visual pH Transition  : pH 5.20 (yellow) - pH 6.80 (purple)
FTIR (KBr disc)       : Matches with the standard pattern
Absorption maxima (pH 5.2) : 426 - 436 nm (20 ppm in 50% ethanol)
Absorption maxima (pH 6.8) : 584 - 594 nm (20 ppm in 50% ethanol)
Absorptivity 1        : 400 - 450 (20 ppm in 50% ethanol, at 426 - 436 nm)
Absorptivity 2        : 1000 - 1100 (20 ppm in 50% ethanol, at 584 - 594 nm)
Loss on drying (at 110°C, 2hr) : <= 5.0%

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

Transport Information
<table>
<thead>
<tr>
<th>Product Information</th>
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<tbody>
<tr>
<td>Marine Pollutant                 : No</td>
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<tr>
<td>ADR/RID                          : Not Dangerous Goods</td>
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<tr>
<td>IMDG                             : Not Dangerous Goods</td>
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<tr>
<td>IATA                             : Not Dangerous Goods</td>
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