GRM056  DL - Methionine

Product Information

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM056</td>
<td>100G</td>
</tr>
<tr>
<td>GRM056</td>
<td>1KG</td>
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<tr>
<td>GRM056</td>
<td>500G</td>
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</tbody>
</table>

Product Code : GRM056
Product Name : DL - Methionine
Synonym : DL-2-Amino-4-(methylthio)butanoic acid
Molecular Formula : C₅H₁₁NO₂S
Molecular Weight : 149.21
CAS No. : 59-51-8
EC No. : 200-432-1
HS Code : 2930 40 90
Shelf Life : 4 years

Technical Specification

Appearance : White to off-white crystals or powder or flakes
Solubility : 10 mg soluble in 1 mL of water
pH (2% in water at 25°C) : 5.40 - 6.10
FTIR (KBr disc) : Matches with the standard pattern
Specific rotation : -0.05° to +0.05° (c = 5% in 1M HCl at 20°C)
Chloride (Cl) : <= 0.02%
Sulfate (SO₄) : <= 0.02%
Loss on drying (at 105°C, 2 hr) : <= 0.50%
Sulphated ash : <= 0.10%
Assay (NT, on dry basis) : 99.00 - 101.00%

Risk and Safety Information

WGK : 1
Storage Temperature(°C) : Store below 30°C

Transport Information

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