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# **Product Datasheet**

# GM2607 - DL-Methionine

### **Product Details**

Product Name DL-Methionine
Glentham Code GM2607
CAS Number 59-51-8

CAS Number 59-51-8 EINECS 200-432-1

MDL Number MFCD00063096
PubChem SID 310272332

Related Categories Amino Acids, Biochemicals, Cosmetic Raw Materials

#### **Structure**

Molecular Weight : 149.21 Molecular Formula :  $C_5H_{11}NO_2S$ 

HO NH<sub>2</sub> S CH<sub>3</sub>

Physical : Almost white, crystalline powder Description or small flakes

Assay : 99.0 - 101.0 % (dried basis)

Residue on :  $\leq 0.1\%$  Ignition

Loss on Drying : ≤ 0.5%

Arsenic (As) : ≤ 1ppm

Heavy Metals : ≤ 10ppm
(as Pb)

Lead (Pb) :  $\leq$  3ppm Cadmium (Cd) :  $\leq$  1ppm Chloride (Cl) :  $\leq$  0.02%

Solubility : 1g in 50ml water: Clear,

colourless solution

pH : 5.4 - 6.1 (2% solution)

Related : ≤ 0.2% Substances

Ammonium : ≤ 0.1% (NH4)

Db = ========

Pharmacopoeia : EP Specification(s)

Version : v1.0

# **About DL-Methionine**

No further details on record.

## Storage

Recommended storage temperature: +20°C.

# **Hazards and Transport**

Not classified as hazardous under CLP. Not classified as dangerous for transport.

# **Glentham Product Specification**

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