

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	46571
Lot Number	003381-222001
Product	Calcium-DL-2-hydroxy-4(methylthio)butyrate α -Hydroxymethionine calcium salt 2-Hydroxy-4-(methylthio)butyric acid calcium salt
CAS Number	4857-44-7
Molecular Formula	C ₁₀ H ₁₈ CaO ₆ S ₂
Molecular Weight	338.45

Appearance	White crystalline powder
Solubility	Slightly soluble in water
Odor	Characteristic
Anion	Chloride : < 0.02%
Cation	Calcium : 11.99% (Calculated on anhydrous basis)
Water Content (Karl Fisher)	0.23%
pH	6.05
Yeast and Mold	< 10 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : 136 ppm
E. Coli	Absent
Microbial Count	40 cfu/g (TPC)
Salmonella	Absent
Related Substances	Any single impurity : 0.05% Total impurity : 0.07%
Assay (anhydrous basis)	99.41%
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager