

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	46572
Lot Number	003381-222002
Product	Calcium 3-methyl-2-oxovalerate hydrate α -Ketoisoleucine calcium salt 3-Methyl-2-oxovaleric acid calcium salt
CAS Number	66872-75-1
Molecular Formula	C ₁₂ H ₁₈ CaO ₆ •H ₂ O
Molecular Weight	316.36

Appearance	White crystalline powder
Solubility	Slightly soluble in water
Odor	Characteristic
Anion	Chloride : < 0.02%
Cation	Calcium : 13.64% (Calculated on anhydrous basis)
Water Content (Karl Fisher)	10.52%
pH	6.39
Yeast and Mold	< 10 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : 152 ppm
E. Coli	Absent
Microbial Count	80 cfu/g (TPC)
Salmonella	Absent
Related Substances	Any single impurity : 0.09% Total impurity : 0.11%
Assay (anhydrous basis)	99.29%
Storage	Store at 2 - 8 °C

Certificate of Analysis

Catalog Number: 46572

Lot Number: 003381-222002

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