

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	46573
Lot Number	003381-222010
Product	Calcium 4-methyl-2-oxovalerate α -Ketoleucine calcium salt 4-Methyl-2-oxovaleric acid calcium salt
CAS Number	51828-95-6
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 : 13.42% (Calculated on anhydrous basis)
Water Content (Karl Fisher)	10.28%
pH	5.52
Yeast and Mold	< 10 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Not detected
E. Coli	Absent
Microbial Count	40 cfu/g (TPC)
Salmonella	Absent
Related Substances	Any single impurity : 0.11% Total impurity : 0.22%
Assay (anhydrous basis)	100.72%
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