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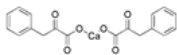
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	21765
Product	Calcium 2-oxo-3-phenylpropionate a-Ketophenylalanine calcium salt Phenylpyruvic acid calcium salt
CAS Number	51828-93-4
Molecular Formula	C ₁₈ H ₁₄ CaO ₆
Molecular Weight	366.38
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Appearance	White or almost white crystalline powder
Solubility	Slightly soluble in water
Odor	Characteristic
Anion	Chloride : ≤ 0.02%
Cation	Calcium : 10.76 - 11.16% (Calculated on anhydrous basis)
Water Content (Karl Fisher)	≤ 6%
pH	5.0 - 7.5
Yeast and Mold	≤ 100 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : ≤ 3000 ppm
E. Coli	Should be absent
Microbial Count	≤ 1000 cfu/g (TPC)
Salmonella	Should be absent
Related Substances	Any single impurity : ≤ 0.50% Total impurity : 1%
Assay (anhydrous basis)	98.5 - 102.0%
Storage	Store at 0-8°C

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For Laboratory Use Only