Certificate Of Analysis

Analysis Date: 13-02-2025 **Re-test Date:** 13-02-2028

CALCIUM SACCHARATE

Identification

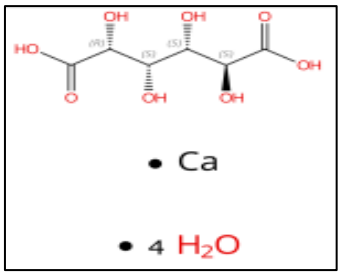
Chemical Name : d-Glucaric acid, calcium salt (1:1) tetrahydrate (as per USP)

CAT No : **ALL-CAL-3895**

CAS No : **5793-89-5**

Molecular Formula : **C6H10O8 : Ca : 4(H2O)**

Molecular Weight : **210.1 : 40.1 : 4(18.0)**



Analytical Information

Batch Code	: **ALL-CAL-3895**	**HPLC Purity**	: 98.05%
Solubility	: METHANOL	**Potency**	: 96.38%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.871 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.827%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.871+0.827 × 98.05%]/100 = 96.38%

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office
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