Certificate Of Analysis

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

CALCOBUTROL CALCIUM

Identification

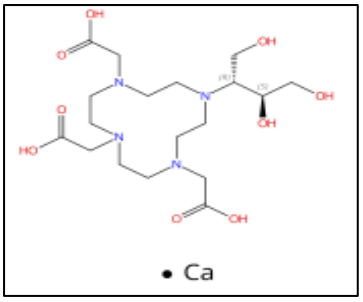
Chemical Name : 2,2',2''-(10-((2R,3S)-1,3,4-Trihydroxybutan-2-yl)-1,4,7,10-tetraazacyclododecane-1,4,7-triyl)triacetic acid, calcium salt

CAT No : **ALL-CAL-8238**

CAS No : **151878-23-8**

Molecular Formula : **C18H34N4O9 : Ca**

Molecular Weight : **450.5 : 40.5**



Analytical Information

Batch Code	: **ALL-CAL-8238**	**HPLC Purity**	: 98.06%
Solubility	: METHANOL	**Potency**	: 95.99%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 1.297 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.811%		

Additional Information

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

[100 – (1.297+0.811 × 98.06%]/100 = 95.99%

	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 Products are stable to be shipped at room temperature, unless otherwise specified

Corporate Office
Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203