CERTIFICATE OF ANALYSIS

(Certificate No. KMM001441-02)

Release Date: 21/09/2026 **Re-test Date:** 20/09/2029

Calcium-DL-2-Hydroxy-4-(Methylthio)Butyrate

Identification

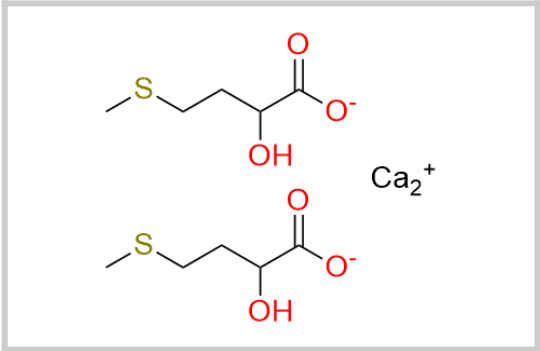
Chemical Name :
Calcium-2-hydroxy-4-methylthiobutanoic acid

CAT No. : KMM001441

CAS No. : 4857-44-7

Molecular Formula : C10H18CaO6S2

Molecular Weight : 338.45



Analytical Information

Batch No.	: M001441-136-199	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.20 %	**IR**	: Confirm
Weight Loss By TGA	: 0.51 %	**1H NMR**	: Confirm
% Potency	: 98.69 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 30 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.51(Weight Loss By TGA)] x [99.20(HPLC Purity)]/100 = 98.69 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/09/2026

Attachments : COA, HPLC, MASS, 1HNMR,13C NMR, IR and TGA