

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001440-01)

Release Date: 18/02/2025

Re-test Date: 17/02/2028

## ALPHA KETO LEUCINE CALCIUM SALT

### Identification

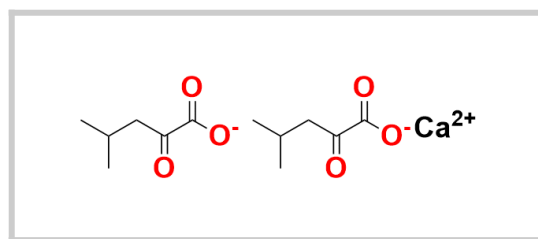
**Chemical Name :**  
calcium 4-methyl-2-oxopentanoate

**CAT No.** : KMM001440

**CAS No.** : 51828-95-6

**Molecular Formula** : C<sub>12</sub>H<sub>18</sub>CaO<sub>6</sub>

**Molecular Weight** : 298.35



### Analytical Information

**Batch No.** : AL/LEU/24/001

**Description** : White or almost crystalline powder

**Solubility** : Water

**Mass** : Confirm

**1H NMR** : Confirm

**13C NMR** : Confirm

**DCS** : Confirm

**C,H,N,S** : 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 - ] x []/100 = 0 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/02/2025
Reviewed & Approved By	Quality Control	Parag Patel		19/02/2025

**Attachments** : COA, MASS, 1HNMR, 13CNMR, DSC AND C,H,N,S