

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001443-01)

Release Date: 18/02/2025

Re-test Date: 17/02/2028

## ALPHA KETO VALINE CALCIUM SALT

### Identification

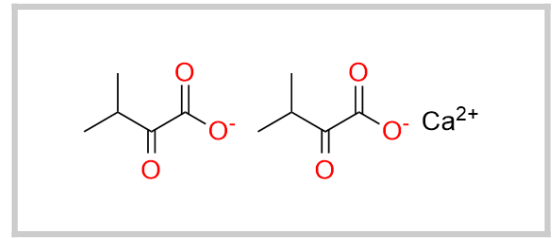
**Chemical Name :**  
Calcium-3-methyl-2-oxobutyrate

**CAT No.** : KMM001443

**CAS No.** : 51828-94-5

**Molecular Formula** : C<sub>10</sub>H<sub>14</sub>CaO<sub>6</sub>

**Molecular Weight** : 270.29



### Analytical Information

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

**Description** : White or almost crystalline powder

**Solubility** : Water

**Mass** : Confirm

**1H NMR** : Confirm

**13C NMR** : Confirm

**DSC** : 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
<b>Prepared By</b>	Analytical	Jignesh Patel		19/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Patel		19/02/2025

**Attachments** : COA, DSC, MASS, 1HNMR, 13C NMR and C,H,N,S