

# **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 :**

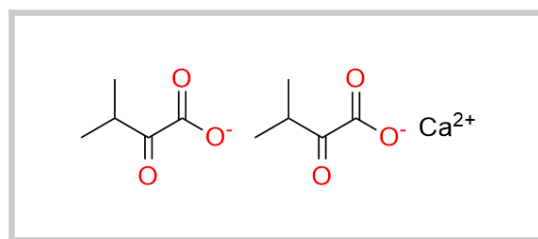
Calcium-3-methyl-2-oxobutyrates

**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

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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
Prepared By	Analytical	Jignesh Patel		19/02/2025
Reviewed & Approved By	Quality Control	Parag Patel		19/02/2025

**Attachments** : COA, DSC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR and C,H,N,S