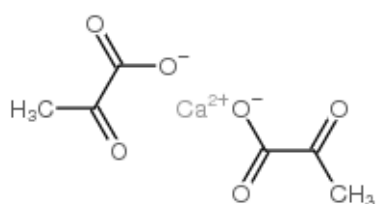




## Calcium Pyruvate

Product Name: Calcium Pyruvate  
Chemical name: Pyruvic acid calcium  
CAS number: 52009-14-0  
Molecular formula:  $C_6H_6CaO_6$   
Molecular Weight: 214.19  
Chemical Structure:



### Physical/Chemical characteristics

Appearance: White to off-white powder  
Odor: odorless or faint characteristic odor  
Melting point:  $>300^{\circ}C$   
Bulk density: 0.5-0.9g/mL  
Solubility: Soluble in water

### Product specification\*

Assay: min 98% d.s.  
Loss on drying: max 10%  
Heavy metals: max 0.001%

\*Only selected data is represented here, for a full set of specifications we refer to our Specifications sheet.

### Applications

Calcium pyruvate is pyruvic acid combined with the mineral calcium.

Pyruvate is a natural substance made in the body that contributes to metabolism and

carbohydrate digestion. Pyruvate (as pyruvate dehydrogenase) is required to start the Krebs cycle, a process by which the body produces energy from chemical reactions. Natural sources of pyruvate include apples, cheese, dark beer and red wine.

Calcium is preferred over other alternatives, such as sodium and potassium, as it attracts the least amount of water. Therefore each unit contains more of the supplement, resulting in a more effective product and a better value to you.

### Potential benefits

- Boost to your metabolism, aid in breaking down excess fat stored in your body.
- Excellent calcium nutrition supplements
- Calcium pyruvate supplementation may benefit endurance athletes whose bodies are constantly turning over ATP production for sufficient energy to perform sustained bouts of exercise.

### Usage

For weight loss, suggests that taking pyruvate 6 grams/day orally.

Used for cholesterol, cataracts, cancer, please according to the prescription and consult your

pharmacist or physician or other healthcare professional before using.

## Safety

In a study of acne, researchers found complete remission in some patients and no side effects.

Pyruvic acid therapy is an effective, safe and well-tolerated procedure in the study.

However, oral intake of high doses of pyruvate may lead to side effects of gastrointestinal disturbance - such as bloating, gas or diarrhea.

Pyruvic acid is lactose free and gluten free; it does not contain any animal derived ingredients; Non-GMO, Non-ETO; BSE/TSE free.

## Shelf life

Two year from date of manufacture when stored in original packaging.

## Storage conditions

Store in the original sealed container in a cool and dry place out of direct sunlight.

## Packaging

25 kg bag or as per your request.

## Further information

The tolerances are given in the product specification sheet. Further safety information is provided in our Material Safety Data Sheet.



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Jinan Jiuan Ester Chemical Co., Ltd.  
Industrial Park, Zhangqiu, Jinan, China

Http:// [www.pengbobio.com](http://www.pengbobio.com)  
TEL:0086-531-82687186

E-mail:[info@pengbobio.com](mailto:info@pengbobio.com)  
FAX: 0086-531-82687186