



# Suqian Modern Biology Technology Co., Ltd

ADD: No. 78, Jialingjiang Road, Suqian High-Tech Development Zone, Jiangsu, China

TEL: ++86-527-84466939 81083998 81083996 81083636 84452698

FAX: ++86-527-84466860

<http://www.modernphos.com>

## MONOCALCIUM PHOSPHATE ANHYDROUS(FOOD GRADE)

**Chemical Name:** Monocalcium Phosphate Anhydrous

**Formula:**  $\text{Ca}(\text{H}_2\text{PO}_4)_2$

**Molecular weight:** 234.01

**Specificity:** White powder, specific gravity 2.220, Soluble in acid and slightly acid and has hygroscopicity, acidic property appeared in a aqueous solution(PH=3).

**Quality standard:**

Name of index	FCC-IV
Content(As Ca), %	16.8-18.3
Asenic	3 ppm max.
Fluoride	50 ppm max.
Heavy metal	10 ppm max.
Pb	5 ppm max.
Loss on ignition, %	14.0-15.5

**Applications:** In food industry, it is used as leavening agent, dough regulator, buffer, modifier, solidification agent, nutritional supplement, chelate agent, flulty agent for bake, cake, ferment agent buffer, fruit acid solidification in bread and cracker, yeast food, modifier in meat organization, improve saccharification and ferment in brew.

**Packing:** 25kgs net paper bags or 25kgs net plastic woven bags

**Storage and transport:** It should be stored in a dry and ventilative warehouse; kept away from water and moisture during transport, Handled with care, so as to avoid damage to bags. Furthermore, it should be stored separately from poisonous substances.