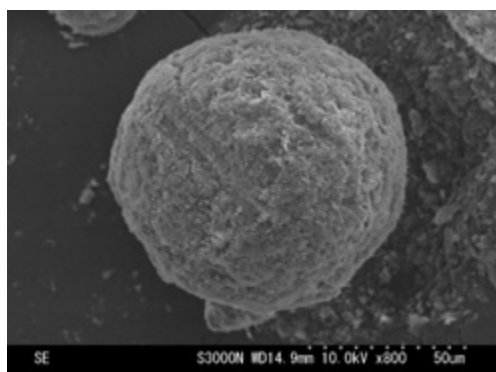
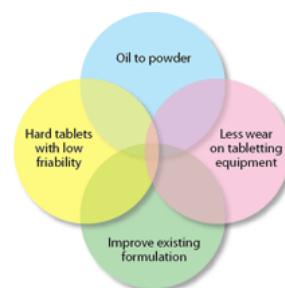


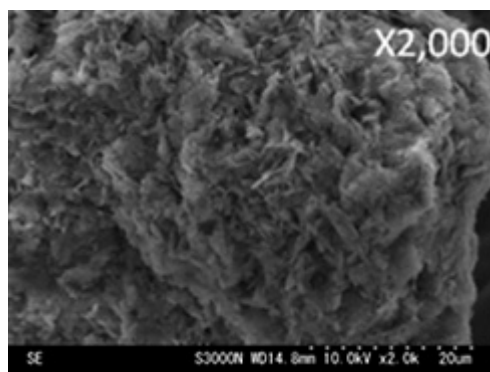
Unique calcium phosphate dibasic anhydrous DCPA_Fujicalin

Being different from ordinary DCPA, Fujicalin is a kind of ideal excipient suitable for direct compression processing recipe which is completely synthesized and especially used to solve the problems of hard-compressing materials, such as oily active ingredients, etc. It can be used for mainstream to reduce tablet weight change and increase content uniformity. Fujicalin's high compressibility contributes to designing smaller tablets, which can partly or even entirely substitute for microcrystalline cellulose.

1. Fujicalin® is totally synthetic and ideally suited to direct compression formulations, especially involving difficult-to-compress materials like oily actives. It can also be used to assist flow, reduce tablet weight variation and improve content uniformity. Fujicalin®'s compressibility facilitates the design of smaller tablets. It can also be used as a partial or total replacement for microcrystalline cellulose.
2. Fujicalin® is a synthetic, free flowing spherically granulated Dibasic Calcium Phosphate Anhydrous (DCPA) for direct compression of tablets.
3. Fujicalin®'s patented manufacturing process yields porous spheres with a high specific area, 20 to 70% more than conventional Dibasic Calcium Phosphate excipients.
4. Fujicalin® has a low mean particle size of 115µm. The granules are highly stable and compact to tablets of higher tensile strength.
5. Fujicalin®'s smooth and spherical granules are less abrasive on tableting machines leading to trouble free operations. Fujicalin®'s porosity and extremely high specific area allows formulators to develop oral dosage forms of oily actives.
6. Fujicalin®'s anhydrous nature results in very low water of crystallization thus making it the ideal choice for hydrolysable drugs.
7. Fujicalin® makes sufficiently hard tablets at low compression forces and in addition can improve the hardness of other fillers and binders. It is an ideal excipient for manufacturing tablets of probiotic preparations.
8. Fujicalin® retains porosity at high compression forces and exhibits low friability across broad compression range.
9. Fujicalin® facilitates the production of easily disintegrating, smaller and thinner tablets.
10. Fujicalin® is suitable for both pharmaceutical and food applications.



Fujicalin® particle (x 800)



Cross section of Fujicalin® particle (x 2,000)