

## One of the real super disintegrants sodium starch glycolate DST® - C11

DST®-C11 is a kind of anionic polymer derived from non-genetically modified potato starch. Its hydrophilic ethyloic(--COOH) and sodium carboxymethyl(--COONa) lead to strong water absorption property and rapid imbibition effect which brings disintegration through expansive action. Compared with general disintegration sodium starch glycolate, DST®-C11 is the sodium starch glycolate with authentic super disintegration. Being manufactured under strict GMP conditions, besides Taiwan Department of Health's GMP authentication, DST® has also been approved by America FDA.

### Status of Legislation:

U.S.A DMF: 7247

China IDL: HC20100033

### Application Form:

Tablet, dragee, film-coated tablet, sustained release preparation, granule, capsule, Chinese drugs preparation, health foods, dietary supplement, etc.

### Drug model existing

1. Moclobemide tablet
2. Angtan ondansetron hydrochloride tablet
3. farlutal tablet
4. Folic acid tablet
5. Metoclopramide tablet
6. Dibazol tablet
7. Praziquantel tablet
8. Aetysalicylic acid tablet
9. Metronidazole tablet
10. Tasteless chloramphenicol
11. Nifedipine tablet
12. Dapsone tablet
13. Sinemet
14. Sucralfate
15. Sulfafurazole tablet
16. Diclofenac sodium tablet
17. Compound methionine and choline bitartrate tablet
18. Roxithromycin
19. Gastropine
20. Erythromycin enteric coated pellet
21. Cefalexin capsule
22. Ranitidine capsule
23. Famotidine tablet

### The Advantage of DST®

1. Compared with ordinary sodium starch glycolate, DST®-C11 owns apparent disintegration stability.
2. DST®-C11 has excellent expandability with about 200 times swelling coefficient whose disintegration capability can be hardly affected by hydrophobic excipients.
3. Its good disintegration function to high-viscosity Chinese drug preparation makes it the first choice for excipients in this field.
4. STD is the standard type, LS belongs to low organic solvent residue type, and Low PH stands for low PH value type.
5. It is manufactured under strict cGMP conditions, and the raw materials come from European non-genetically modified potato starch which ensures stable disintegration capability.
6. Application process: Direct compression, wet granulation, rolling technique.
7. The only imported product that owns registration certificate.

### Chineway Technical Guidance:

1. DST® application plan research on customer drug model.
2. Quality promotion, process improvement, cost decreasing research of previous preparation caused by DST®.
3. The screening of DST® in new prescription.
4. Semi-works production and enlarging production in using DST®.