

## Sweet potato (China)

### Name

Name : Sweet potato (China)

Latin name : Ipomoea batatas

French name : Patate douce (Chine)

### Source

Organe : tuber

Sample Origin : Chine

### Morphology

Size <10  $\mu\text{m}$  & 10-50  $\mu\text{m}$

Shape : spherical & polyhedral

### Structure

Allomorph : C

Fraction of allomorph A : 95%

Fraction of allomorph B : 5%

Crystallinity index : 37%

### Composition

Waxy : no

### Thermal properties

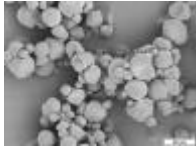
Melting temperature : 68.8 $^{\circ}\text{C}$

Melting interval : 24.8 $^{\circ}\text{C}$

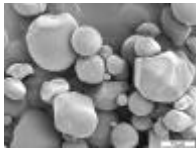
Melting enthalpy : -12.5J/g

References

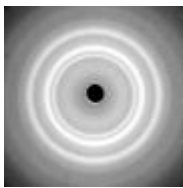
Image(s)



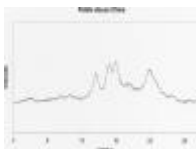
Scanning electron microscopy (SEM) image



Scanning electron microscopy (SEM) image



X-ray diffraction (XRD) pattern



X-ray diffraction (XRD) profile