

Water chestnut

Name

Name : Water chestnut

French name : Chataigne d'eau

Source

Organe : fruit

Sample Origin : Chine

Morphology

Size <10 μm & 10-50 μm

Shape : spherical & ovoid

Structure

Allomorph : C

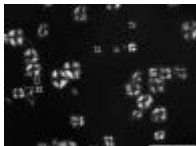
Fraction of allomorph A : 88%

Fraction of allomorph B : 12%

Crystallinity index : 47%

References

Image(s)



Optical micrograph (OM)

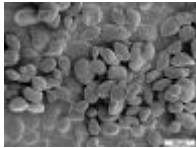
Starch presentation



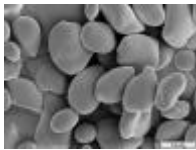
Optical micrograph (OM)



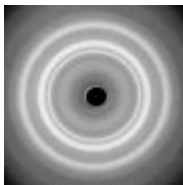
Sample Source



Scanning electron microscopy (SEM) image



Scanning electron microscopy (SEM) image



X-ray diffraction (XRD) pattern