

Smooth pea

Name

Name : Smooth pea

Latin name : Pisum sativum

French name : Pois lisse

Source

Organe : seed

Sample Origin : Grinsted, INRA Nantes

Morphology

Size 10-50 μm

Shape : ovoid

Structure

Allomorph : C

Fraction of allomorph A : 24%

Fraction of allomorph B : 12%

Crystallinity index : 36%

Composition

Fraction of amylose : 35%

Fraction of amylopectin : 65%

Waxy : no

References

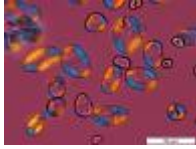
Bibliography : Carbohydrate Polymers 2000

Starch presentation

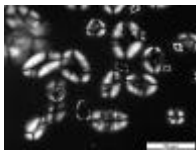
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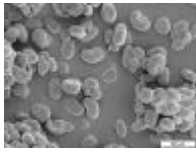
Image(s)



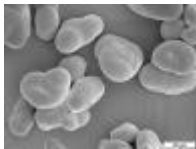
Optical micrograph (OM)



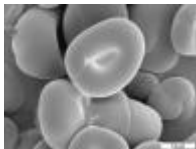
Optical micrograph (OM)



Scanning electron microscopy (SEM) image

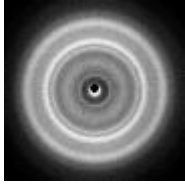


Scanning electron microscopy (SEM) image



Scanning electron microscopy (SEM) image

Starch presentation



X-ray diffraction (XRD) pattern