

Amaranth (waxy)

Name

Name : Amaranth (waxy)

Latin name : Amaranthus

French name : Amarante (waxy)

Source

Organe : seed

Sample Origin : Dr. Malshick Shin, Department of Food and Nutrition, Chonnam National University, Gwangju, Corée

Morphology

Size <10 µm

Shape : polyhedral

Structure

Allomorph : A

Fraction of allomorph A : 100%

Composition

Fraction of amylopectin : 100%

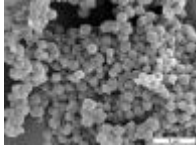
Waxy : yes

References

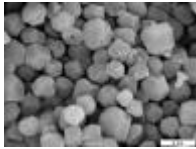
Bibliography : Properties of Korean Amaranth Starch Compared to Waxy Millet and Waxy Sorghum
Hunjai Choi, Wansoo Kim and Malshick Shin.
Starch 56 (2004), 469-477.

Starch presentation

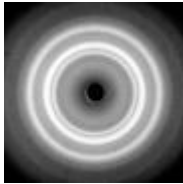
Image(s)



Scanning electron microscopy (SEM) image



Scanning electron microscopy (SEM) image



X-ray diffraction (XRD) pattern