



Alginat  
Caroube  
Sodium Cl  
Calcium CL



# INGREDIUM

## MANGO BUBBLE BY REVERSE SPHERIFICATION



060629  
Alginat - 1 Kg



Cold processing



PH >4 PH recommended



065306 Caroube  
1 Kg



Hot processing



Freeze / deep-freeze resistant



060640  
Sodium Cl - 1 Kg



060639  
Calcium LA - 1 Kg

**33**  
ALGINAT

Texturizers and Starches - Alginat

**50**  
CAROUBE

Texturizers and Starches - Caroube

**21**  
SODIUM CL

Acids ans Salts - Sodium Cl

**19**  
CALCIUM LA

Acids ans Salts - Calcium LA

### PRODUCT BENEFITS :

ALGINAT is a natural texturizing solution extracted from algae, that jellifies with calcium. This very unique material is used in spherification technique, direct or reverse, for the elaboration of caviar or sphere with a flowing heart imprisoned under a soft layer of gel (see INGREDIUM technical manual - Spherification). CAROUBE is a natural thickener that should be implemented into a hot preparation or be cooked and shows a very good stability under freezing and heating conditions.

110 g mango Alphonso puree	
PONTHIER .....	49,35%
110 g water (1) .....	49,35%
0,9 g SODIUM Cl (060640) .....	0,4%
1,1 g CALCIUM LA (060639) .....	0,5%
1 g CAROUBE (065306) .....	0,4%

Total recipe = 223 g

### ALGINAT BATH (6G/L)

6 g ALGINAT (060629)  
1000 g water (2)

Blend the mango puree with SODIUM Cl.  
Disperse ALGINAT and CAROUBE into water (1) and bring it to the boil while mixing.  
Incorporate into the mango puree.  
Pour this preparation into adequate molds and put in the freezer.  
Prepare in parallel the ALGINAT bath.  
Finally, proceed to reverse spherification with the mango base frozen into small pieces placing them into the ALGINAT bath.

### SUGGESTIONS

The matrix in which you incorporate ALGINAT has to show a pH above 4 in order to jellify correctly. If your initial pH is below 4, you can use SODIUM Cl (see INGREDIUM technical manual - Optimizing the acidity of fruit based recipes). You can adjust the flowing heart viscosity by playing on CAROUBE dosage. XANTHAN (060615) can also be used in same conditions.