

## PRODUCT IDENTITY

|                 |                        |                |                                                                |
|-----------------|------------------------|----------------|----------------------------------------------------------------|
| PRODUCT NAME    | carboxymethyl chitosan | PRODUCT NUMBER | C684377                                                        |
| Grades & Purity | Carboxymethylation≥80% | VERSION        | 3                                                              |
| CAS NUMBER      | 83512-85-0             | FORMULA        | C <sub>20</sub> H <sub>37</sub> N <sub>3</sub> O <sub>14</sub> |
| FORMULA WEIGHT  | g/mol                  |                |                                                                |

## ACCEPTANCE CRITERIA

| PARAMETER                   | SPECIFICATION / LIMIT                      |
|-----------------------------|--------------------------------------------|
| Appearance(C684377)         | White to light yellow, free flowing powder |
| Carboxylation degree        | 80-100 (%)                                 |
| Viscosity(1% in water,20°C) | 0-80(mPa·S)                                |
| Infrared spectrum           | Conforms to Structure                      |