

## PRODUCT IDENTITY

|                 |                                                      |                |                                                                |
|-----------------|------------------------------------------------------|----------------|----------------------------------------------------------------|
| PRODUCT NAME    | Heptakis-(6-mercapto-6-deoxy)- $\beta$ -cyclodextrin | PRODUCT NUMBER | H303030                                                        |
| Grades & Purity | $\geq 98\%$                                          | VERSION        | 3                                                              |
| CAS NUMBER      | 160661-60-9                                          | FORMULA        | C <sub>42</sub> H <sub>70</sub> O <sub>28</sub> S <sub>7</sub> |
| FORMULA WEIGHT  | 1247.41g/mol                                         |                |                                                                |

## ACCEPTANCE CRITERIA

| PARAMETER                | SPECIFICATION / LIMIT              |
|--------------------------|------------------------------------|
| Carbon NMR Spectrum      | Conforms to structure              |
| Purity(HPLC)             | 98-100 (%)                         |
| Proton NMR spectrum      | Conforms to structure              |
| LC-MS for identification | Conforms                           |
| Appearance(H303030)      | White to off-white powder or solid |