

## PRODUCT IDENTITY

|                 |                                   |                |                                               |
|-----------------|-----------------------------------|----------------|-----------------------------------------------|
| PRODUCT NAME    | 1,3-Dihydroxyacetone dimer (DHAD) | PRODUCT NUMBER | D769581                                       |
| Grades & Purity | ≥95%                              | VERSION        | 3                                             |
| CAS NUMBER      | 26776-70-5                        | FORMULA        | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> |
| FORMULA WEIGHT  | 180.16g/mol                       |                |                                               |

## ACCEPTANCE CRITERIA

| PARAMETER                                                                    | SPECIFICATION / LIMIT |
|------------------------------------------------------------------------------|-----------------------|
| Purity(GC)                                                                   | 95-100 (%)            |
| Purity(Titration by Sodium periodate)                                        | 94.5-105.5 (%)        |
| Infrared spectrum                                                            | Conforms to Structure |
| Solubility(c=25 mg/ml in Water,Clear, Colorless to Very Faint Yellow liquid) | Pass                  |