

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Item Number       | S1416                                                                                                  |
| Item              | Sucralose, NF                                                                                          |
| CAS Number        | 56038-13-2                                                                                             |
| Molecular Formula | C <sub>12</sub> H <sub>19</sub> Cl <sub>3</sub> O <sub>8</sub>                                         |
| Molecular Weight  | 397.63                                                                                                 |
| MDL Number        |                                                                                                        |
| Synonyms          | 1,6-Dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-?-D-galactopyranoside ; Trichlorosucrose |

| Test                    | Specification                          |        |
|-------------------------|----------------------------------------|--------|
|                         | Min                                    | Max    |
| APPEARANCE              |                                        |        |
| ASSAY (ANHYDROUS BASIS) | 98.0                                   | 102.0% |
| SPECIFIC ROTATION       | +84.0° to +87.5°                       |        |
| WATER DETERMINATION     |                                        | 2.0 %  |
| RESIDUE ON IGNITION     |                                        | 0.7 %  |
| ELEMENTAL IMPURITIES:   |                                        |        |
| CADMIUM (Cd)            | AS REPORTED                            |        |
| LEAD (Pb)               | AS REPORTED                            |        |
| ARSENIC (As)            | AS REPORTED                            |        |
| MERCURY (Hg)            | AS REPORTED                            |        |
| HYDROLYSIS PRODUCTS     |                                        | 0.1 %  |
| METHANOL                |                                        | 0.1 %  |
| RELATED COMPOUNDS       |                                        | 0.5 %  |
| IDENTIFICATION A (FTIR) | SPECTRUM MATCHES REFERENCE             |        |
| IDENTIFICATION (B)      | RETENTION TIME CORRESPONDS TO STANDARD |        |
| IDENTIFICATION (C)      | Rf VALUE CORRESPONDS TO STANDARD       |        |
| CERTIFIED HALAL         |                                        |        |
| EXPIRATION DATE         |                                        |        |
| DATE OF MANUFACTURE     |                                        |        |
| MONOGRAPH EDITION       |                                        |        |

| Test              | Specification |     |
|-------------------|---------------|-----|
|                   | Min           | Max |
| RESIDUAL SOLVENTS | AS REPORTED   |     |

***Spectrum Chemical Mfg Corp***

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|---------------------------------------|------------------------------------|
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