

## Product Datasheet

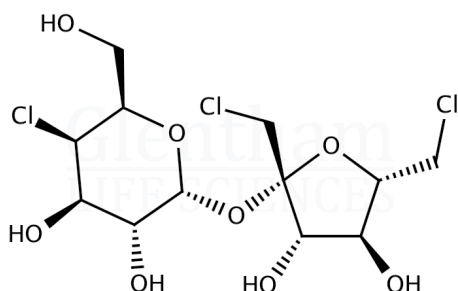
### GC1410 - Sucralose, USP grade

#### Product Details

|                    |                                               |
|--------------------|-----------------------------------------------|
| Product Name       | Sucralose, USP grade                          |
| Glentham Code      | GC1410                                        |
| CAS Number         | 56038-13-2                                    |
| EINECS             | 259-952-2                                     |
| MDL-Nummer         | MFCD03648615                                  |
| Related Categories | Carbohydrates, Biochemicals, Oligosaccharides |

#### Structure

|                   |                         |
|-------------------|-------------------------|
| Molecular Weight  | : 397.63                |
| Molecular Formula | : $C_{12}H_{19}Cl_3O_8$ |



|                                |                                    |
|--------------------------------|------------------------------------|
| Identification                 | : A, B, C according to USP         |
| Solubility (10% in water)      | : Clear, colourless solution       |
| pH (10% in water)              | : 5.0 - 7.0                        |
| Specific Optical Rotation      | : +84.0 - +87.5 °                  |
| Water                          | : ≤ 2.0%                           |
| Residue on Ignition            | : ≤ 0.7%                           |
| Hydrolysis Products            | : ≤ 0.1%                           |
| Related Substances             | : ≤ 0.5%                           |
| Methanol                       | : ≤ 0.1%                           |
| Heavy Metals                   | : ≤ 10ppm                          |
| Lead (Pb)                      | : ≤ 1ppm                           |
| Arsenic (As)                   | : ≤ 3ppm                           |
| Assay                          | : 98.0 - 102.0 % (anhydrous basis) |
| Pharmacopoeia Specification(s) | : USP                              |
| Version                        | : v1.0                             |

#### About Sucralose, USP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

|                      |                            |
|----------------------|----------------------------|
| Physical Description | : White crystalline powder |
|----------------------|----------------------------|

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