

# H & A (Canada) Inc.

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## PRODUCT DATA

### SUCRALOSE FCC

#### **Description:**

Sucralose is a sugar-like sweetener that has been approved by the FDA. It is 600 times sweeter than sugar. It is a free-flowing, water-soluble, white crystalline powder made from a process that begins with sucrose, or table sugar.

#### **Applications:**

Sucralose is widely used in variety of food products including baked goods, baking mixes, non-alcoholic beverages, chewing gum, coffee and tea products, confections, frostings and nutritional supplements. It can also be blended with other sweeteners to improve the overall sweetness.

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|--|--|
| Chemical Name  | 1,6-Dichloro-1,6-dideoxy-beta-D-fructofuranosyl-4-chloro-4-deoxy-alpha-D-galactopyranoside |
| Chemical Formula   | C <sub>12</sub> H <sub>19</sub> Cl <sub>3</sub> O <sub>8</sub>                             |
| CAS Number   | 56038-13-2   |
| <b>Item</b>  | <b>Specifications</b>  |
| Appearance   | White crystalline powder   |
| Assay (calculated with reference to the dried substance) | 98.0% Min.   |
| Identification   | Retention time matched with the standard   |
| Specific Rotation  | +84.0 °~+87.5 °  |
| Moisture   | 2.0% Max.  |
| Methanol   | 0.1% Max.  |
| Heavy Metals (as Pb)                                     | 0.0001% Max.   |
| Ignited Residue  | 0.7% Max.  |
| Hydrolysis Products                                      | Passed test  |
| Related Substances                                       | Passed test  |
| Test Methods   | According to FCC V monograph   |

#### **Packaging and Storage:**

Preserved in 10 kg cartons. Store in a cool, dry place away from light and heat.

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