# SPECIFICATION

## beta-Gentiobiose

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical family</td>
<td>OLIGOSACCHARIDE</td>
</tr>
<tr>
<td>CAS Number</td>
<td>[5996-00-9]</td>
</tr>
<tr>
<td>Empirical formula</td>
<td>C₁₂H₂₂O₁₁</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>342.30</td>
</tr>
</tbody>
</table>

![Chemical structure of beta-Gentiobiose](image)

### Long term storage
- Store at <+8°C
- Store in dry and dark place.

### Shipment conditions
- Ambient temperature

### Appearance
- White to beige coloured Powder

### Melting point
- 191-195°C

### [α]D
- (-4.5 ± 1.0) after 6min
- (+10 ± 1) after 6hours
- c=3 in water