**Tartrazine**

**Typical analysis**
- Assay (Oxidimetric) 85%
- C.I. 19140
- Loss on drying 6%

**Packaging**
- 100g black plastic jar

**Physical properties, composition and data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical formula</td>
<td>C₁₆H₉N₄Na₃O₉S₂</td>
</tr>
<tr>
<td>Synonym</td>
<td>Acid yellow 23; Food yellow 4</td>
</tr>
<tr>
<td>Chemical group</td>
<td>Azo compounds</td>
</tr>
<tr>
<td>Atomic weight</td>
<td>534.37</td>
</tr>
<tr>
<td>Appearance</td>
<td>Bright orange-yellow powder</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>

**Laboratory preparation, applications and practices**

| Usage          | Absorption indicator         |

**Storage and handling information**

| Storage          | Protect from light           |
| Safety phrases   | 22/24/25:45                 |
| Risk phrases     | 42/43                       |
| Disposal methods | 16                          |