**AMPERIT® 146**

**Chemical Formula**  
Cr

**Chemical Name**  
Chromium

**HS Number**  
81122031

**Grades Available**  
**Product Designation**  
AMPERIT® 146.003 45/ 5 µm

**Chemical Characteristics**  
(Mass fraction in % [cg/g]; ppm [µg/g])

<table>
<thead>
<tr>
<th>Element</th>
<th>Max. (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al</td>
<td>0.2</td>
</tr>
<tr>
<td>Cu</td>
<td>0.1</td>
</tr>
<tr>
<td>Fe</td>
<td>0.3</td>
</tr>
<tr>
<td>Si</td>
<td>0.2</td>
</tr>
<tr>
<td>Ti</td>
<td>0.1</td>
</tr>
<tr>
<td>O</td>
<td>1.5</td>
</tr>
<tr>
<td>N</td>
<td>0.2</td>
</tr>
<tr>
<td>C</td>
<td>0.1</td>
</tr>
</tbody>
</table>

**Physical Characteristics**

**Particle Size Distribution**

| D 90 % | 55 - 65 µm |
| D 50 % | 30 - 40 µm |
| D 10 % | > 12 µm    |

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1) MICROTRAC by Laser Light Diffraction per ASTM C 1070.
Packaging

Standard Packaging for 5 kg in 1.5 l PE bottle.

Storage and Handling

Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)

None.

Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

Remarks

Always mix well before using.

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