

# Specification

Item number: 6555

## Bismuth(III) oxide

≥99,5 %, p.a.

CAS No.: 1304-76-3

print date: 01.01.2024

formula:  $\text{Bi}_2\text{O}_3$

density: 8,93

molecular weight: 465,96 g/mol

### Guarantee analysis

<b>Appearance</b>	yellow powder
<b>Assay</b>	≥99,5 %
<b>Identity (Bi)</b>	complies
<b>Chloride (Cl)</b>	≤0,001 %
<b>Nitrate (NO<sub>3</sub>)</b>	≤0,05 %
<b>Sulphate (SO<sub>4</sub>)</b>	≤0,002 %
<b>Arsenic (As)</b>	≤0,0002 %
<b>Lead (Pb)</b>	≤0,003 %
<b>Iron (Fe)</b>	≤0,002 %
<b>Copper (Cu)</b>	≤0,002 %
<b>Silver (Ag)</b>	≤0,0005 %
<b>Substances not precipitated by NH<sub>4</sub>OH</b>	≤0,5 %
<b>Loss on drying (105 °C)</b>	≤0,1 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**  
Head of Quality Assurance

**S. Lorsee**  
Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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