

# Specification

Item number: 1776

Zirconium(IV) oxide, nano

**ROTI@nanoMETIC 3 nm, hydrophobic**

CAS No.: 1314-23-4

print date: 01.01.2024

formula:  $ZrO_2$

density: 5,9

molecular weight: 123,22 g/mol

## Type analysis

<b>Purity (Zr)</b>	≥99,0 %
<b>Particle size</b>	~3 nm
<b>Refractive index (585 nm)</b>	~1,8
<b>Forms colloidal solution in</b>	2-Butanol, Epoxides
<b>Phase</b>	monoclinic
<b>Stabilized with</b>	Benzoic acid

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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