

# Specification

Item number: K305

## Sodium azide

≥99 %, p.a.

CAS No.: 26628-22-8

print date: 06.02.2024

formula:  $\text{NaN}_3$

density: 1,84

molecular weight: 65,01 g/mol

### Guarantee analysis

<b>Appearance</b>	colorless to white fine crystalline Powder
<b>Assay (cerim.)</b>	≥99.0 %
<b>In H<sub>2</sub>O insoluble matter</b>	≤0.05 %
<b>Chloride (Cl)</b>	≤0.005 %
<b>Total sulphur (as SO<sub>4</sub>)</b>	≤0.005 %
<b>Free alkali (as NaOH)</b>	≤0.2 %
<b>Aluminium (Al)</b>	≤0.0005 %
<b>Arsenic (As)</b>	≤0.0001 %
<b>Barium (Ba)</b>	≤0.0005 %
<b>Lead (Pb)</b>	≤0.0005 %
<b>Bismuth (Bi)</b>	≤0.0005 %
<b>Cadmium (Cd)</b>	≤0.0005 %
<b>Calcium (Ca)</b>	≤0.005 %
<b>Chromium (Cr)</b>	≤0.0005 %
<b>Cobalt (Co)</b>	≤0.0005 %
<b>Iron (Fe)</b>	≤0.0005 %
<b>Potassium (K)</b>	≤0.005 %
<b>Copper (Cu)</b>	≤0.0005 %
<b>Lithium (Li)</b>	≤0.0005 %
<b>Magnesium (Mg)</b>	≤0.001 %
<b>Manganese (Mn)</b>	≤0.0005 %
<b>Molybdenum (Mo)</b>	≤0.0005 %
<b>Nickel (Ni)</b>	≤0.0005 %
<b>Strontium (Sr)</b>	≤0.0005 %
<b>Zinc (Zn)</b>	≤0.0005 %
<b>Loss on drying</b>	≤0.2 %
<b>pH-value (1 % in H<sub>2</sub>O)</b>	~10

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.

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**Dr. R. Niemand**

*Head of Quality Assurance*

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

**S. Lorsee**

*Head of Quality Management*

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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

