

# Specification

Item number: 227C

## 3,5-Dinitrosalicylic acid

≥99 %, p.a.

CAS No.: 609-99-4

print date: 01.01.2024

formula:  $C_7H_4N_2O_7$

density: 1,70

molecular weight: 228,12 g/mol

### Type analysis

<b>Appearance</b>	colourless to slightly yellow crystalline powder
<b>Assay</b>	≥99 %
<b>Melting range</b>	169-175 °C
<b>Sulphated ash</b>	≤0.1 %

Dissolve 1 g 3,5-dinitrosalicylic acid in 20 ml 2 M NaOH; dissolve 30 g potassium sodium tartrate in 50 ml water; combine solutions and make up to 100 ml with water. After adding the sample solution to the reagent solution (approximately equal volumes) and heating for 5-10 min at approx. 100 °C, the solution turns red.

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.*

**Carl Roth GmbH + Co. KG**  
Schoemperlenstraße 3-5  
76185 Karlsruhe

Telefon 0721/5606-0  
Telefax 0721/5606-149  
E-Mail: [info@carlroth.de](mailto:info@carlroth.de)

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

