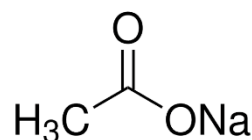


## Product Specification

Product Name:

**Sodium acetate *PurTrace* for Trace Analysis, anhydrous, ≥99.999% (metal basis)**

Product No.: PSR50485  
Brand: PureSynth  
CAS No.: 127-09-3  
Molecular Formula: CH<sub>3</sub>COONa  
Molecular Weight: 82.03 g/mol



| Test           | Specification   |
|----------------|-----------------|
| Appearance     | Colorless Solid |
| Assay          | ≥ 99.999 %      |
| Aluminium (Al) | NMT 0.05 ppm    |
| Arsenic (As)   | NMT 0.05 ppm    |
| Barium (Ba)    | NMT 5 ppm       |
| Bismuth (Bi)   | NMT 0.01 ppm    |
| Calcium (Ca)   | NMT 0.1 ppm     |
| Cadmium (Cd)   | NMT 0.005 ppm   |
| Cerium (Ce)    | NMT 0.005 ppm   |
| Cobalt (Co)    | NMT 0.005 ppm   |
| Chromium (Cr)  | NMT 0.01 ppm    |
| Copper (Cu)    | NMT 0.005 ppm   |
| Iron (Fe)      | NMT 0.05 ppm    |
| Mercury (Hg)   | NMT 5 ppb       |
| Iridium (Ir)   | NMT 2 ppm       |
| Potassium (K)  | NMT 5 ppm       |
| Lanthanum (La) | NMT 0.005 ppm   |
| Magnesium (Mg) | NMT 0.1 ppm     |
| Manganese (Mn) | NMT 0.05 ppm    |
| Nickel (Ni)    | NMT 0.01 ppm    |
| Lead (Pb)      | NMT 0.005 ppm   |
| Palladium (Pd) | NMT 0.5 ppm     |
| Platinum (Pt)  | NMT 0.5 ppm     |
| Rubidium (Rb)  | NMT 0.5 ppm     |
| Rhodium (Rh)   | NMT 0.5 ppm     |
| Ruthenium (Ru) | NMT 0.5 ppm     |
| Antimony (Sb)  | NMT 0.05 ppm    |
| Scandium (Sc)  | NMT 0.005 ppm   |

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)

|                              |               |
|------------------------------|---------------|
| Selenium (Se)                | NMT 0.01 ppm  |
| Samarium (Sm)                | NMT 0.005 ppm |
| Strontium (Sr)               | NMT 0.1 ppm   |
| Thallium (Tl)                | NMT 0.005 ppm |
| Vanadium (V)                 | NMT 0.1 ppm   |
| Yttrium (Y)                  | NMT 0.005 ppm |
| Zinc (Zn)                    | NMT 0.01 ppm  |
| Chloride (Cl)                | NMT 5 ppm     |
| Phosphate (PO <sub>4</sub> ) | NMT 5 ppm     |
| Sulfate (SO <sub>4</sub> )   | NMT 20 ppm    |
| Total nitrogen (as N)        | NMT 5 ppm     |

Specification: PT-1.0-QA/021

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