

Material No: 6024.2500
Batch No: 2511805832
Manufactured Date: 2025/04/28
Retest Date: 2030/04/28
Release Date: 2025/04/29
Revision No.: 0

Certificate of Analysis

Meets ACS Specifications.

| Test | Specification | Result |
|--|----------------------|-------------|
| Assay | $\geq 85.0 \%$ | 85.6 |
| Alkali phosphates | passes test | passes test |
| Chloride (Cl) | $\leq 1 \text{ ppm}$ | < 1 |
| Color (APHA) | ≤ 10 | < 10 |
| Heavy Metals (as Pb) | $\leq 0.001 \%$ | < 0.001 |
| Insoluble Matter | $\leq 0.001 \%$ | < 0.001 |
| Nitrates (NO ₃) | $\leq 5 \text{ ppm}$ | 5 |
| Phosphorous or Hypophosphorous Acid | passes test | passes test |
| Reducing Substances | passes test | passes test |
| Sulphate (SO ₄) | $\leq 0.003 \%$ | < 0.003 |
| Volatile Acids (as CH ₃ COOH) | $\leq 0.001 \%$ | < 0.001 |
| Trace Impurities (in ppm) | | |
| Aluminium (Al) | ≤ 10 | < 0.500 |
| Antimony (Sb) | ≤ 4 | < 0.500 |
| Arsenic (As) | ≤ 0.5 | < 0.500 |
| Cadmium (Cd) | ≤ 5 | < 0.500 |
| Calcium (Ca) | ≤ 20 | < 0.500 |
| Copper (Cu) | ≤ 5 | < 0.500 |
| Iron (Fe) | ≤ 10 | < 0.500 |
| Lead (Pb) | ≤ 5 | < 0.500 |
| Magnesium (Mg) | ≤ 10 | < 0.500 |
| Manganese (Mn) | ≤ 0.5 | < 0.500 |
| Nickel (Ni) | ≤ 5 | < 0.500 |
| Potassium (K) | ≤ 5 | 1.5 |

Material No: 6024.2500
Batch No: 2511805832

| Test | Specification | Result |
|-------------|---------------|-----------|
| Sodium (Na) | ≤ 10 | 1 |
| Zinc (Zn) | ≤ 10 | < 0.500 |

For Laboratory, Research or Manufacturing use.

Country of Origin: SWITZERLAND
Packaging Site: Gliwice Mfg & DC



Barbara Rykowska
Quality Assurance Coordinator

For questions on this Certificate of Analysis, please contact Technical Service at technical.service@avantorsciences.com
Avantor Performance Materials Poland S.A. Sowinskiego 11 Gliwice 44-101 Poland Tel: +48 322392000