

Material No: 6024.1000
Batch No: 2307205820
Manufactured Date: 2023/03/13
Retest Date: 2028/03/13

Certificate of Analysis

Meets ACS Specifications.

Test	Specification	Result
Assay	$\geq 85.0 \%$	85.9
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
Nitrate (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	0.5
Lead (Pb)	≤ 5	< 0.500
Magnesium (Mg)	≤ 10	< 0.500
Manganese (Mn)	≤ 0.5	< 0.500
Nickel (Ni)	≤ 5	< 0.500
Potassium (K)	≤ 5	< 0.500

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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



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis, please contact Customer Service at avantor.emea@avantorinc.com
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