



Certificate of Analysis

Orthophosphoric Acid 85% AR

Chemical/Physical Properties and other data:

Manufacture Date: 04/2026
Expiry Date: 03/2031
Batch Number: AF04260125
Catalogue: CM.1655.2500

Chemical Formula: H_3PO_4
Grade: Conforms to AR
Appearance: Clear colorless viscous liquid
Molar Mass: 98.00g/mol

Elements	*Specification
Appearance	Clear colorless viscous liquid
Assay	Min 85.0%
Weight/ mL at 20°C	About 1.71 g/ml
Chloride (Cl)	Max 0.0005%
Nitrate (NO_3)	Max 0.0005%
Silicate (SiO_2)	Max 0.002%
Arsenic (As)	Max 0.0001%
Calcium (Ca)	Max 0.004%
Copper (Cu)	Max 0.0005%
Iron (Fe)	Max 0.0015%
Lead (Pb)	Max 0.001%
Magnesium (Mg)	Max 0.004%
Manganese (Mn)	Max 0.0005%
Potassium (K)	Max 0.005%
Sodium (Na)	Max 0.05%
Substance reducing KMnO_4 (as O)	Max 0.001%
Volatile acids (as CH_3COOH)	Max 0.001%

*The above product complies as per the specifications.

** The above product results are as per the manufacturers certificate of analysis.

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