

Product Name: Phosphoric acid, 85% aq. soln., Thermo Scientific Chemicals
Catalog Number: A18067.0F

CAS Number: 7664-38-2
IUPAC Name: phosphoric acid
Molecular Formula: H₃O₄P
Molecular Weight: 97.99
InChI Key: NBIIXXVUZAFBLC-UHFFFAOYSA-N
SMILES: OP(O)(O)=O
Synonym: phosphoric acid fosforzuuroplossingen sodium dihydrogen orthophosphate phosphate ion (PO₄³⁻) caswell no. 662 concise etchant wc-reiniger marphos K-etchant trihydroxidooxidophosphorus

Product Specification

Appearance (Color): Clear colorless
Form: Viscous liquid or low-melting solid
Assay (Aqueous acid-base Titration): 84.0-87.0% (non-U.S. specification)
Assay from Suppliers CoFA: 84.0-87.0% (U.S. specification)
Comment: Specification differs for U.S. and non-U.S. material where indicated
Identification (FTIR): Conforms (non-U.S. specification)
Refractive Index: 1.4285-1.4335 @ 20°C (non-U.S. specification)

Date Of Print: 05/17/2024

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.