

Specification

Technical Data Sheet

CAS

7664-38-2

STORAGE

Ambient

MOLECULAR WEIGHT

98.00

PRODUCT

Phosphoric acid 85 %, meets analytical specification of Ph. Eur., BP, NF, FCC

Product number 90032486

CAS number 7664-38-2

Molecular formula H₃PO₄

Molecular weight 98.00 g/mol

PARAMETER

SPECIFICATION

Appearance

Liquid

Assay

85.0-88.0%

alkali phosphates

Complying

Appearance of Solution

Complying

Cadmium (Cd)

≤0.0003%

Chloride (Cl⁻)

≤0.0005%

Fluoride (F⁻)

≤0.0005%

Heavy Metals (Pb)

≤0.0005%

Iron (Fe)

≤0.001%

phosphite, hypoph (H₃PO₃)

≤0.0003%

Residual Solvents

Complying

subst. precipitated by NH₃

Complying

Volatile acids

≤0.001%

Arsenic (As)

≤0.0002%

Copper (Cu)

≤0.001%

Lead (Pb)

≤0.0003%

PARAMETER	SPECIFICATION
Mercury (Hg)	≤0.0001%
Nitrate (NO3)-	Complying
Sulphates (SO4)(2-)	Complying
Zinc (Zn)	≤0.001%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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