



### SPECIFICATION SHEET

Product Name	:	Ortho-Phosphoric acid 85%, Ph Eur,BP,JPE,NF,E 338
Product Number	:	959.063
Brand	:	ISOLAB
CAS Number	:	7664-38-2
Formula	:	H <sub>3</sub> PO <sub>4</sub>
Formula Weight	:	98 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (H <sub>3</sub> PO <sub>4</sub> )	85.0 - 86.0%	%
Identity	passes test	
Appearance of solution	passes test	
Volatile acids (as Acetic acid)	≤ 0.001 %	%
Chloride (Cl)	≤ 0.0005 %	%
Fluoride (F)	≤ 0.001 %	%
Nitrate (NO <sub>3</sub> )	≤ 0.0003 %	%
Phosphite (H <sub>3</sub> PO <sub>3</sub> )	≤ 0.002 %	%
Hypophosphorus and phosphorus acid	passes test	
Sulphate (SO <sub>4</sub> )	≤ 0.005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.000019 %	%
Cd (Cadmium)	≤ 0.0001 %	%
Cu (Copper)	≤ 0.002 %	%
Fe (Iron)	≤ 0.005 %	%
Hg (Mercury)	≤ 0.0001 %	%
K (Potassium)	≤ 0.005 %	%
Na (Sodium)	≤ 0.003 %	%
Pb (Lead)	≤ 0.0001 %	%
Zn (Zinc)	≤ 0.002 %	%
Matter precipitated by ammonia	passes test	
Substances reducing potassium permanganate (as O)	≤ 0.001 %	%

Quality Management  
Isolab Laborgerate GmbH

