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_3PO_4
Formula Weight	:	98 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (H_3PO_4)	**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_3)	**≤ 0.0003 %**	%
Phosphite (H_3PO_3)	**≤ 0.002 %**	%
Hypophosphorus and phosphorus acid	**passes test**	
Sulphate (SO_4)	**≤ 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