Technical Data Sheet

CHEMICAL NAME :
Phosphoric Acid 85% Food Grade

CHEMICAL FORMULA:
H_3PO_4 (CAS NO. 7664-38-2)

COMMERCIAL NAME:
Phosphoric Acid

MOLECULAR WEIGHT:
97.994

DESCRIPTION:
Colorless transparent or slightly pale, viscous liquid

CHEMICAL CHARACTERISTICS:

Parameter	Specification
H_3PO_4	85% min.
Colour (hazen)	20 APHA max
TOC (As C)	60 ppm max
Chloride (As Cl)	10 ppm max
Nitrate (As NO3)	5 ppm max
Sulphate (As SO4)	100 ppm max
Fe	10 ppm max
As	0.5 ppm max
Fluoride (As F)	10 ppm max
Pb	2 ppm max
Cd	2 ppm max

PHYSICAL CHARACTERISTICS:
Specific Gravity : 1.58 – 1.73

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