



IDENTIFICATION

Chemical Name	Phosphoric acid 85% food grade
Formula	H ₃ PO ₄
N° CAS	7664-38-2

PHYSICAL-CHEMICAL CHARACTERISTICS

Appearance	Colorless, odorless and viscous liquid.			
Characteristic	Unit	Minimum	Maximum	Method
Purity (H ₃ PO ₄)	%	85,0	-	As per supplier specification.
Phosphorus Pentoxide (P ₂ O ₅)	%	61,6	-	
Density (25°C)	g/ml	1,685	-	
Color apha	-	-	30	
Arsenic (As)	ppm	-	1,0	
Fluoride (F)	ppm	-	10	
Iron (Fe)	ppm	-	25	
Heavy metals	ppm	-	10	
Sulphate (SO ₄)	ppm	-	400	
Chloride (Cl)	ppm	-	20	
Lead (Pb)	ppm	-	1,0	

MAIN APPLICATIONS

In the food, fertilizer, pharmaceutical industries.

OTHER INFORMATION

UN No.	1805
No. of Risk	80
Packaging	Packaging de 25 kg.
Care & Care	Use PPE: - P.V.C. gloves, goggles, barber apron in trevira, leather boots. In case of direct handling, use a mask against sulfurous gases.
Storage	Keep stored in an open, covered, ventilated place, away from heat sources and ignition.
Validity	12 months, provided that the guidelines prescribed on the packaging are followed.
Legal Requirements	Product controlled by the civil police.

Technical Data Sheet	Code	Description
	294.13.0	PHOSPHORIC ACID 85% FOOD GRADE BB30IN
	294.42.0	PHOSPHORIC ACID 85% FOOD GRADE IBCIN

CHANGE HISTORY		
Date	Review	Comments on Amendments
-	00	Initial issuance.