

# Standard Analysis Certificate

**PRODUCT** : ORTHOPHOSPHORIC ACID 85% RPE-ACS-ISO - Reag. Ph.Eur. - Reag. USP  
**CODE** : 406000  
**METHOD** : 6246

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<=10
Identification	-	Positive
Appearance of solution	Ph. Eur.	Conform
Phosphorous and hypophosphorous acid	Ph. Eur.	Conform
Alkali phosphates	USP-NF	Conform
Substances precipitated with ammonia	Ph. Eur.	Conform
Density at 20° C	-	1.689 ÷ 1.701
Water-insoluble matter	ppm	<=10
Volatile acid	ppm	<=10
Reducing substances	ppm	<=25
Chloride	ppm	<=1
Fluoride	ppm	<=5
Nitrate	ppm	<=3
Sulphate	ppm	<=5
Heavy metals (Pb)	ppm	<=5
As	ppm	<=0.5
Ca	ppm	<=20
Cd	ppm	<=5
Co	ppm	<=1
Cu	ppm	<=2
Fe	ppm	<=5
K	ppm	<=50
Mg	ppm	<=10
Mn	ppm	<=0.5
Na	ppm	<=250
Ni	ppm	<=5
Pb	ppm	<=1
Sb	ppm	<=4
Zn	ppm	<=10
Assay (acidimetric)	%	85 ÷ 87

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)