



Karoon Phosphate products Complex

Certificate of Analysis

H₃PO₄ Product

Sample point: P- 302		Date: 1402/02/16	
Vessel: 302		Time: 15:00	
Sample ID: 12588		Cargo: H₃PO₄	
Parameter	Unit	Results	Allowable limits
Chemical Formula			H₃PO₄
Appearance			Green liquid
H₃PO₄ Content	%	31.75	30.5 – 34.5
P₂O₅ Content	%	24.00	22 – 25
Solid Content	%	0.20	0-1
Sulfate (SO₄)	%	0.60	max 2
Specific Gravity @ 20 °C	gr/cm³	1.2639	max 1.27
Viscosity @ 20 °C	Cp	5.00	max 10
Iron (Fe)	%	0.60	max 1
Antimony (Sb)	mg/kg	Nil	max 1
Cadmium (Cd)	mg/kg	Nil	max 1
Chromium (Cr)	mg/kg	3.00	max 3
Lead (Pb)	mg/kg	Nil	max 1
Mercury (Hg)	mg/kg	Nil	max 1
Cobalt (Co)	mg/kg	2.00	max 2
Selenium (Se)	mg/kg	0.80	max 1
Heavy Metals Analysis confirmed by ICP method. Edition: MAY 2021			

Approve By: Dr. R. Zobeydi



1- This certificate is not valid without special stamp of issuant laboratory.

2- This certificate shall not be published or reproduced other than in full.

3- These tests are under the ISO/IEC 17025 quality management system.

The expanded uncertainty is estimated with attention to coverage factor k-2 for normal distribution, providing a level of confidence of approximately 95 %