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# Certificate of Analysis

<b>Product</b>	<b>38048 - Orthophosphoric Acid for HPLC &amp; UV Spectroscopy, 85% - [7664-38-2]</b>
<b>Batch No</b>	<b>6699400</b>
<b>Analysis Date</b>	11-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	H3PO4
<b>Molecular Weight</b>	98.00

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Density (g/ml) @ 20°C	1.70	1.70
Assay (T)	min. 85%	87.82%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.002%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Absorption maxima in 1 M solution		.
@210nm	max. 0.07	0.0208
@220nm	max. 0.06	0.0160
@230nm	max. 0.05	0.0139
@250 nm	max. 0.04	0.0137
@500nm	max. 0.02	0.0011

FRM/82/11/2/38048 Rev No. 1 Date 08/05/2023

Prepared by **Udit**

In compliance with the standard specifications of SRL

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