



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROFLUORIC ACID 48% AR**

**CAS No : 7664-39-3**  
**Mol. Formula : HF**  
**Mol. WT : 20.01**  
**Date of analysis : 11/05/24**

**Product code : 14885**  
**Batch No : MCR-30950**  
**Mfd. : May 2024**  
**Exp. : April 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid with acid vapour.	A clear, colourless liquid with acid vapour.
2	<b>Assay</b>	48% min.	48.50%
3	<b>Non-volatile matter</b>	0.0005% max.	0.0003%
4	<b>Chloride(Cl)</b>	0.0005% max.	<0.0005%
5	<b>Fluorosilicate (SiF<sub>6</sub>)</b>	0.005% max.	<0.005%
6	<b>Phosphate (PO<sub>4</sub>)</b>	0.0001% max.	<0.0001%
7	<b>Sulphate (SO<sub>4</sub>)</b>	0.0005% max.	<0.0005%
8	<b>Sulphite (SO<sub>3</sub>)</b>	0.0005% max.	<0.0005%
9	<b>Cadmium (Cd)</b>	0.00001% max.	<0.00001%
10	<b>Copper (Cu)</b>	0.00001% max.	<0.00001%
11	<b>Iron (Fe)</b>	0.00005% max.	<0.00005%
12	<b>Lead (Pb)</b>	0.00005% max.	<0.00005%
13	<b>Nickel (Ni)</b>	0.00001% max.	<0.00001%
14	<b>Zinc (Zn)</b>	0.00001% max.	<0.00001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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