



## Product Specification

### HYDROFLUORIC ACID AR/ACS

<b>PRODUCT CODE</b>	<b>544735</b>
<b>SYNONYMS</b>	<b>N/A</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>7664-39-3</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>HF</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>20.01</b>
<b>PROPERTIES</b>	<b>It attacks glass or stoneware, dissolving the silica.</b>

## HF

<b>PARAMETER</b>	<b>LIMIT</b>
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Description	A clear liquid with an acrid vapour.
Solubility	Miscible with water forming clear & colourless solution.
Assay (acidimetric)	40 - 42%
Wt.per ml at 20°C	About 1.13 g

### MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.0005%
Chloride (Cl)	0.0001%
Hexafluorosilicate (SiF <sub>6</sub> )	0.005%
Phosphate (PO <sub>4</sub> )	0.00005%
Sulphate (SO <sub>4</sub> )	0.0002%
Sulphite (SO <sub>3</sub> )	0.0002%
Aluminium (Al)	0.000005%
Barium (Ba)	0.00001%
Cadmium (Cd)	0.000001%
Calcium (Ca)	0.00005%
Chromium (Cr)	0.000002%
Cobalt (Co)	0.000002%
Copper (Cu)	0.000002%
Iron (Fe)	0.00002%
Lead (Pb)	0.000005%
Magnesium (Mg)	0.00002%
Molybdenum (Mo)	0.000005%
Manganese (Mn)	0.000005%
Nickel (Ni)	0.000002%



# Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

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Strontium	(Sr)	0.000002%
Zinc	(Zn)	0.000005%
Potassium	(K)	0.00002%
Sodium	(Na)	0.00002%

**Important : After use tighten the cap properly.**

**Note(s) : 1] Assay (if applicable) method mentioned.**

<b>DANGER</b> <b>HAZARD STATEMENTS</b> : Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. May be corrosive to metals/ Causes severe skin burns and eye damage. <b>PRECAUTIONARY STATEMENTS</b> : --- <b>Response</b> : --	IMDG Code : 8/1 UN No. : 1790 IATA : 8
<b>Disposal</b> : Chemical to be disposed should be added to large excess of 2% sodium hydroxide solution in a fume extraction hood. Allow hydrolysis to complete for at least 48 hours(pH<9). After neutralization, flush it to drain with large amounts of water.	

**Hazard Pictogram(s) :**

	
<b>Acute toxicity</b>	<b>Corrosive to metals</b>