

	<b>LEONID CHEMICALS PVT. LTD.</b>				
	<b>FINE CHEMICAL</b>				
<b>Department: Quality Control</b>		<b>Document No: LCPL/QSD/QAD/11</b>		<b>SOP No.: SOP/QC/11-M027</b>	
<b>SPECIFICATION : MERCURIC CHLORIDE AR</b>					
<b>Issue date</b>	<b>16/04/2018</b>	<b>Review date</b>	<b>15/04/2023</b>	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	<b>00</b>	<b>Supersedes</b>	<b>--</b>	<b>Page No</b>	<b>1 of 2</b>

### PRODUCT DETAILS

1	Molecular Formula	HgCl <sub>2</sub>
2	Product code	M028
3	Molecular weight	271.50
4	CAS No	7487-94-7
5	Risk Statement No	28-34-48/24/25-50/53
6	Safety Statement No	36/37/39-45-60-61
7	UN No.	UN1624



### PACKING DETAILS

	Product code	Pack size
1	M02709	250g
2	M02710	500 g

### PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystals or crystalline powder
2	Clarity	5% aqueous solution is clear.
3	Assay	Not less than 99.5%
4	Water insoluble matter	Not more than 0.01%
5	Ether insoluble matter	Not more than 0.01%
6	Residue on ignition (as SO <sub>4</sub> )	Not more than 0.02%
7	Nitrate (NO <sub>3</sub> )	Not more than 0.0005%
8	Cadmium (Cd)	Not more than 0.0005%
9	Calcium (Ca)	Not more than 0.002%
10	Copper (Cu)	Not more than 0.0005%
11	Iron (Fe)	Not more than 0.0005%
12	Lead (Pb)	Not more than 0.001%
13	Magnesium (Mg)	Not more than 0.002%
14	Potassium (K)	Not more than 0.005%
15	Sodium (Na)	Not more than 0.005%
16	Zinc (Zn)	Not more than 0.001%
17	Mercurous chloride	Not more than 0.05%

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**SAFETY SYMBOLS**



Corrosive



Toxic



Health hazard



Dangerous for the environment