

## CESIUM CHLORIDE AR

<b>PRODUCT CODE</b>	<b>491095</b>	
<b>SYNONYMS</b>	(Caesium chloride)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(7647-17-8)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	CsCl	<b>CsCl</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	168.36	
<b>PROPERTIES</b>	---	

PARAMETER	LIMIT
Description	White deliquescent crystals.
Solubility	5% solution in water is clear and colourless.
Assay (ex Cl, Argentometric )	99.5%
pH of 5% Aq. solution	pH 5.0 - 8.0
The absorbance ( optical density) of a 50 % w/w aqueous solution does not exceed 0.1 abs. At 260 nm in a 1 cm cell.	

MAXIMUM LIMIT OF IMPURITIES	
Water-insoluble matter	0.003%
Nitrogen compounds (N)	0.002%
Sulphate (SO <sub>4</sub> )	0.01%
Aluminium (Al)	0.005%
Barium (Ba)	0.01%
Calcium (Ca)	0.004%
Copper (Cu)	0.0005%
Iron (Fe)	0.0003%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.002%
Rubidium (Rb)	0.2%

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

<p><b>WARNING</b>  <b>Hazard statements:</b> May be harmful if swallowed. May damage fertility.  <b>Precautionary statements</b>  <b>Prevention:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.  <b>Response:</b> If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell*  <b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.</p>	<p>IMDG Code :  UN No. :  IATA :</p>
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<p><b>Hazard Pictogram(s) :-</b></p> <div style="text-align: center;">  <p>GHS08</p> </div>
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Replace Date-18-Jun.2020