

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	35252
<b>Lot Number</b>	000878-8136838
<b>Product</b>	<b>Cesium chloride</b>
<b>CAS Number</b>	7647-17-8
<b>Molecular Formula</b>	CsCl
<b>Molecular Weight</b>	168.36

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Colorless solution (50% Aqueous solution)
<b>Solubility (Turbidity)</b>	Clear solution (50% aqueous solution)
<b>Heavy Metals</b>	< 0.0002% (as Pb)
<b>Anion</b>	Sulphate (SO <sub>4</sub> ) : < 0.002%
<b>Cation</b>	Iron (Fe) : < 0.0002% Copper (Cu) : < 0.0003% Sodium (Na) : < 0.005% Potassium (K) : < 0.002%
<b>pH</b>	7.3
<b>UV Ratios</b>	Absorbance (A) of 50% aq. solution in a 1 cm cell v/s H <sub>2</sub> O at 280 nm : 0.06
<b>Assay by titration</b>	99.9%
<b>Grade</b>	Molecular biology grade
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager