

CERTIFICATE OF ANALYSIS

Material/Product Name	Cesium Iodide		
Batch Number	SCI/SC/07/749	Quantity	180.00 Kg

S. No.	Test Parameter	Specification	Result
1	Appearance	White powder or white crystalline material	White powder
2	Purity	$\geq 99.9\%$	99.9% or higher
3	Sulfate (SO ₄)	≤ 25 ppm	≤ 25 ppm
4	Copper (Cu)	≤ 5 ppm	≤ 5 ppm
5	Iron (Fe)	≤ 3 ppm	≤ 3 ppm
6	Thallium (Tl)	≤ 30 ppm	≤ 30 ppm
7	Silver (Ag)	≤ 1 ppm	≤ 1 ppm
8	Barium (Ba)	≤ 1 ppm	≤ 1 ppm
9	Calcium (Ca)	≤ 5 ppm	≤ 5 ppm
10	Sodium (Na)	≤ 5 ppm	≤ 5 ppm
11	Potassium (K)	≤ 10 ppm	≤ 10 ppm
12	Silicon Dioxide (SiO ₂)	≤ 5 ppm	≤ 5 ppm
13	Lithium (Li)	≤ 5 ppm	≤ 5 ppm
14	Magnesium (Mg)	≤ 10 ppm	≤ 10 ppm
15	Aluminum (Al)	≤ 10 ppm	≤ 10 ppm
16	Chromium (Cr)	≤ 5 ppm	≤ 5 ppm
17	Nickel (Ni)	≤ 5 ppm	≤ 5 ppm
18	Strontium (Sr)	≤ 0.5 ppm	≤ 0.5 ppm
19	Lead (Pb)	Reference value	≤ 10 ppm
20	Boron (B)	Reference value	≤ 5 ppm

Remarks	The material complies with the above specification
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