



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CADMIUM SULPHATE (OCTAHYDRATE) AR**

<b>CAS No</b>	<b>: 7790-84-3</b>	<b>Product code</b>	<b>: 22416</b>
<b>Mol. Formula</b>	<b>: 3CdSO<sub>4</sub>.8H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCRT-29820</b>
<b>Mol. WT</b>	<b>: 769.52</b>	<b>Mfd.</b>	<b>: Dec. 2023</b>
<b>Date of analysis</b>	<b>: 02/12/23</b>	<b>Exp.</b>	<b>: Nov. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystals or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.0 % w/w min.	99.64% w/w
3	<b>Insoluble matter</b>	0.003% max	0.002%
4	<b>pH (5% aq Solution)</b>	5.0 – 6.5	5.77
5	<b>Chloride (Cl)</b>	0.001% max	< 0.001%
6	<b>Calcium (Ca)</b>	0.005% max	< 0.005%
7	<b>Copper (Cu)</b>	0.0005% max	< 0.0005%
8	<b>Iron (Fe)</b>	0.0005% max	< 0.0005%
9	<b>Lead (Pb)</b>	0.002% max	< 0.002%
10	<b>Sodium (Na)</b>	0.005% max	< 0.005%
11	<b>Zinc (Zn)</b>	0.002% max	< 0.002%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Asmita)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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