

# Certificate of Analysis



## CALCIUM CHLORIDE DIHYDRATE AR,ACS

<b>Lot No.</b>	: C0020A-2506015	<b>Product No.</b>	: C0020A
<b>Pack Size</b>	: 1 KG	<b>CAS Number</b>	: 10035-04-8
<b>Mfg. Month &amp; Year</b>	: Jun - 2025	<b>Molecular Weight (g/mol)</b>	: 147.02
<b>Exp. Month &amp; Year</b>	: July - 2030	<b>Molecular Formula</b>	: CaCl <sub>2</sub> .2H <sub>2</sub> O

Test	Specifications	Result
Description	White hygroscopic crystalline powder	Complies
Solubility	Solution of 5 g in 50 ml of water is clear and colourless.	Complies
<b>GUARENTEE ANALYSIS</b>		
Strength	NLT 99.0%	99.82%
pH (5% solution in water; 25°C)	4.5 - 8.5	6.21
<b>Maximum Limits of Impurities</b>		
Insoluble matter (10% in water)	NMT 0.01%	0.0062%
Heavy metal (as Pb)	NMT 0.0005%	=<0.0005%
Sulphate (SO <sub>4</sub> )	NMT 0.01%	=<0.01%
Iron (Fe)	NMT 0.001%	=<0.001%
Sodium (Na)	NMT 0.02%	=<0.02%
Magnesium (Mg)	NMT 0.01%	0.00022%
Potassium (K)	NMT 0.01%	0.00028%
IRON(Fe)	NMT 0.0003%	=< 0.0003%
LEAD(Pb)	NMT 0.001%	=< 0.001%
MAGNESIUM(Mg)	NMT 0.02%	0.0042%
POTASSIUM(K)	NMT 0.005%	0.0021%
SODIUM(Na)	NMT 0.02%	0.0065%

### REMARKS:

This above product complies as per the specifications of RYZE CHEMIE

**Approved By**

Head -Quality Control

**Computer Generated Report - Does not require Signature.**

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RYZE CHEMIE

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