



KRISHNA SOLVECHEM LTD.

CHEMISTRY WITH COMMITMENT

STANDARD SPECIFICATIONS			
PRODUCT	Aluminium Chloride Anhydrous		
CAS NO	7446-70-0	Mol. Formula	AlCl ₃
Effective Date	11/05/2019	Revision Period	3 Years

Sr No.	TEST	SPECIFICATIONS
1	Appearance	Gray or Yellow to greenish with strong Hydrochloric acid odor
2	Solubility	One gram of sample freely soluble in water
3	Identification A. Aluminum Test B. Chloride Test	A. 20mg of sample +5 drops Ammonium Acetate Solution +5 drops of Mordant Blue 3 solutions. Purple color is produced. B. 5mg of sample +2ml HNO ₃ + Silver nitrate Solution. Gives white cruddy precipitate.
4	Iron Content	Not more than 100 ppm
5	Grade I Grade II Grade III	Retains not more than 1.0% w/w On 2.0 mm screen. Retains not less than 99.0% w/w On 2.0 mm screen. Retains not more than 99.0% w/w On 5.0 mm screen.
6	Purity as AlCl ₃ Anhydrous	Not less than 98.0% and not more than 101.0% w/w

Note: This is a Computer - generated Specification. No signature is required.

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