

# ASES CHEMICAL WORKS

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## CERTIFICATE OF ANALYSIS

1. Name of the Product	Poly Electrolyte Anionic
2. Alternative Names	Acrylic Acid Polymer/Polyacrylamide Anionic/Flocculant Anionic
3. CAS Number	9003-05-8
4. Formula	(C <sub>3</sub> H <sub>5</sub> NO) <sub>n</sub>
5. Mol Weight	71.08 g/mol
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	June-2024

Sr. No.	Parameters	Specifications	Results
1	Physical Appearance	White Free Flowing Powder	White Free Flowing Powder
2	Degree Of Hydrolysis %	20 – 25%	23.10%
3	Molecular Weight	18-20(Million)	19.11 (Million)
4	Solubility	Soluble In Water	Soluble In Water
5	Water Insoluble Matter	≤0.1%	0.09%
6	Density g/m <sup>3</sup>	≥0.60	0.67
7	Ph.	6 – 8	6.9
8	Dissolving Time Min.	≤60 Minutes	53 Minutes
9	Appearance Of Solution	Slightly Hazy Solution	#
10	Ionicity	Anionic	Anionic