

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

Product	Sodium Meta Silicate
Formula	Na_2SiO_3
M.Weight	122.06
CAS No	6834-92-0
Batch Number & Mfg Date	As on Label
Date of Expiry	3 Years From Mfg
Date of Analysis	24-02-2024

Sr.	Tests	Specifications	Results
1	Appearance	Colorless or white crystals/powder	White powder
2	Total Alkali as Na ₂ O	49.5 - 51.0 %	49.6%
3	Silicate (SiO ₂) content	45.0 - 47.5 %	47.04%
4	Matter Insoluble in water	≤ 0.05%	Conforms
5	Free Alkali as Na ₂ O	Max. 2%	2%
6	Iron (Fe)	≤100	Conforms
7	pH (of 1% Solution)	12 – 13	12.85%