

Certificate of Analysis

Name : Sodium Methoxide

Formula: CH₃ONa or CH₃NaO

PRODUCT INTRODUCTION

Sodium methoxide is a chemical compound with the formula CH₃ONa. This appears as white crystalline powder, which is formed by the deprotonation of methanol and it is a widely used reagent in industry and the laboratory. It is also a dangerously caustic base.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Crystalline Powder
Solubility	Free soluble in water, soluble in alcohol and methanol
Identification	Positive to Sodium test
Moisture Content by KF	0.25 %w/w
Free Alkalinity as NaOH	0.55 %w/w
Total Alkalinity as NaOCH ₃	99.34 %w/w
Sodium Carbonate Content	0.24 %w/w
Chlorides	100 ppm
Mercury Content	NIL
Iron Content	Not more than 10 ppm

REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.