

## Sodium methoxide Data sheet

Product name	Sodium methoxide
Physical state	Powder
Appearance	White Crystalline
Formula	CH <sub>3</sub> NaO
CAS Number	124-41-4
Solubility	Free soluble in water, soluble in alcohol and methanol
Identification	Positive to Sodium test
Molecular Weight	54,02 g/mol
Moisture Content (by KF)	0.25 %w/w
Purity	99.5% - 99%
Free Alkalinity as NaOH	0.55 %w/w
Total Alkalinity as NaOCH <sub>3</sub>	99.34 %w/w
Sodium Carbonate Content	0.24 %w/w
Chlorides	100 ppm
Mercury Content	NIL
Iron Content	Not more than 10 ppm