

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-FDC1127F-EA4B-45F4-BFD6-4CA8D6545DEF_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2469_01_01
DOI Ref: b73sn

© 2025 USPC
Do not distribute

Sodium Methoxide,

CH₃ONa 54.02 CAS RN[®]: 124-41-4.—Fine, white powder. Reacts violently with water with evolution of heat. Soluble in alcohol and in methanol.

Assay: Transfer about 220 mg to a tared, glass-stoppered flask, and weigh accurately. Dissolve the test specimen in about 10 mL of methanol, then add 100 mL of water slowly, with stirring. Add phenolphthalein TS, and titrate with 0.1 N hydrochloric acid VS to a colorless endpoint: each mL of 0.1 N hydrochloric acid VS is equivalent to 5.402 mg of CH₃ONa. Not less than 98.0% is found.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
SODIUM METHOXIDE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-FDC1127F-EA4B-45F4-BFD6-4CA8D6545DEF_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R2469_01_01

DOI ref: [b73sn](#)

