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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 1886.373-2023

**National Food Safety Standard Food Additive Sodium
Methoxide**

Issued on: September 6, 2023

Implemented on: March 6, 2024

**Issued by: National Health Commission of the People's Republic of
China, State Administration for Market Regulation**

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1 Scope

This standard applies to the food additive sodium methoxide made by reacting methanol with metallic sodium or sodium hydroxide, purifying, removing methanol, and dehydrating.

2.1 Molecular formula

CH₃ONa

2.2 Relative molecular mass

54.02 (according to 2018 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements should comply with Table 1.

Table 1 Sensory requirements

Project requirements inspection method Color white status powder Place an appropriate amount of sample evenly on a clean, dry white porcelain plate Inside, observe its color and condition under natural light

3.2 Physical and chemical indicators

The physical and chemical indicators should comply with the provisions of Table 2.

Table 2 Physical and chemical indicators

Project indicator inspection method Alkalinity, $w_1/\% \geq 97.0$ A.4 in Appendix A Sodium carbonate, $w_2/\% \leq 0.4$ A.4 in Appendix A Sodium hydroxide, $w_3/\% \leq 1.7$ A.5 in Appendix A Total arsenic (calculated as As)/(mg/kg) ≤ 3.0 A.6 in Appendix A Lead (Pb)/(mg/kg) $\leq$

2.0 A.7 in Appendix A Total mercury (Hg)/(mg/kg) $\leq$ 1.0 A.8 in Appendix A

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