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

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National Food Safety Standard Food Additive 6-Methyl Octanal

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1 Scope

This standard applies to 6-methyloctanol as raw material, catalyzed by the catalyst 2,2,6,6-tetramethylpiperidine oxide in methylene chloride solvent. After oxidation, the solvent is removed and the food additive 6-methyloctanal is obtained by vacuum distillation.

2.1 Molecular formula

C₉H₁₈O

2.3 Relative molecular mass

142.24 (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 Colorless color state liquid Place the sample in the colorimetric tube and use the microscope under natural light.

Observation by measurement method Smell green and fragrant GB/T 14454.2

3.2 Physical and chemical indicators

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