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

GB 1903.31-2018

**National food safety standard -- Food nutrition enhancer, retinyl
acetate (vitamin A)**

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1 Scope

This standard is applicable to food nutrition enhancer acetate retinyl ester (acetic acid acetate) prepared by chemical synthesis using beta-ionone as main raw material.

A or vitamin A acetate).

2.1 Molecular formula

C₂₂H₃₂O₂

2.3 Relative molecular mass

328.50 (according to 2016 international relative atomic mass)

3.1 Sensory requirements

Sensory requirements should be in accordance with Table 1.

Table 1 Sensory requirements

Project requirements inspection method Light yellow Smell slightly special smell but not rancid State crystalline powder Place an appropriate amount of sample in a clean, dry white porcelain dish and observe the color under natural light.

And state, smelling its smell

3.2 Physical and chemical indicators

Physical and chemical indicators should meet the requirements of Table 2.