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

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**National food safety standard -- Food nutrition enhancer
D-sodium pantothenate**

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1 Scope

This standard applies to the reaction of calcium pantothenate with sodium sulfate or with the sodium salt of alpha,gamma-dihydroxy-beta,beta-butyric acid dimethyl ester and beta-alanine.

The food nutrition enhancer D-pantothenate.

2.1 Molecular formula

C₉H₁₆NNaO₅

2.3 Relative molecular mass

241.22 (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 White color State crystalline powder or powder Smelly slightly sour Take an appropriate amount of sample in a clean, dry white porcelain dish under natural light.

Observe its color and state, smell its smell

3.2 Physical and chemical indicators

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