



GB 1886.381-2024

National Food Safety Standard

Food Additive Ferric Tartrate

食品安全国家标准 食品添加剂 酒石酸铁

National Health Commission of the People's
Republic of China
State Administration for Market Regulation

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Translated by ChemLinked

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National Food Safety Standard

Food Additive Ferric Tartrate

1 Scope

This standard applies to the food additive ferric tartrate prepared by complexation with L-tartaric acid, sodium hydroxide and ferric chloride as raw materials.

2 Chemical name, molecular formula, structural formula and relative molecular mass

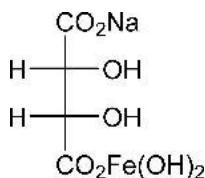
2.1 Chemical name

D, L, meso-2,3-dihydroxysuccinic acid iron(III)

2.2 Molecular formula

$\text{Fe}(\text{OH})_2\text{C}_4\text{H}_4\text{O}_6\text{Na}$

2.3 Structural formula



2.4 Relative molecular mass

260.92 (according to the 2018 international relative atomic mass)

3 Technical requirements

3.1 Sensory requirements

Sensory requirements shall comply with the requirements of Table 1.

Table 1 Sensory requirements

Item	Requirement	Testing method
Color	Dark green	Take an appropriate amount of sample, place it in a 50 mL beaker, and observe its color and state under natural light.
State	Liquid	



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