



GB 1886.378-2024

National Food Safety Standard

Food Additive Theaflavin

食品安全国家标准 食品添加剂 茶黄素

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

Release Date: Feb. 08, 2024
Implementation Date: Aug. 08, 2024

Translated by ChemLinked

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1 Scope

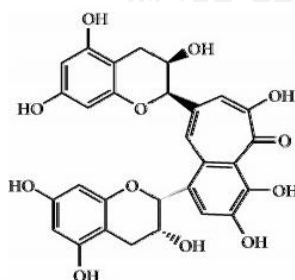
This standard applies to theaflavin, a food additive made from fresh tea leaves or tea polyphenols through enzymatic conversion, separation, purification, concentration and drying.

2 Chemical name, molecular formula, structural formula and relative molecular mass of the main components

2.1 Theaflavin (TF)

Molecular formula: $C_{28}H_{24}O_{12}$

Structural formula:

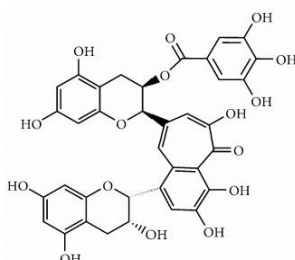


Relative molecular mass: 564.49 (according to the 2018 international relative atomic mass)

2.2 Theaflavin-3-gallate (TF-3-G)

Molecular formula: $C_{36}H_{28}O_{16}$

Structural formula:





Free



Free trial



Standard



Corporate



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