



GB 1886.377-2024

National Food Safety Standard

Food Additive Advantame

食品安全国家标准 食品添加剂 爱德万甜

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 Advantame

1 Scope

This standard applies to the food additive advantame which is made from isovanillin and aspartame through chemical reaction.

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

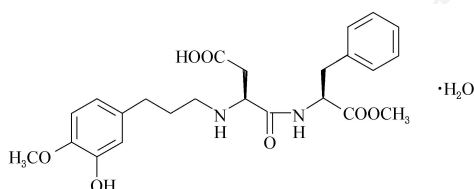
2.1 Chemical name

N-{N-[3-(3-hydroxy-4-methoxyphenyl) propyl]-La- aspartyl }-L-phenylalanine-1-methyl ester

2.2 Molecular formula

$C_{24}H_{30}N_2O_7 \cdot H_2O$

2.3 Structural formula



2.4 Relative molecular mass

476.52 (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	White to yellow	Place an appropriate amount of sample evenly

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