

EAST CHEMSOURCES LIMITED
No.666 Haibin 12th Road, Huangdao, Qingdao,China

SPECIFICATION OF ACESULFAME-K

Product Name: Acesulfame K	Standard: FCCVI ,E950
Functional Use: Nonnutritive sweetener ,Flavor enhancer	Chemical Formula:C4H4NO4KS
CAS No:55589-62-3	HS Code:29349910
Description: white, odorless, freely flowing crystalline powder having an intensely sweet taste, approximately 200 times sweeter than sucrose(3%solution).	

Identification

Test	Requirement
Solubility in Water	Freely Soluble
Solubility in Ethanol	Slightly Soluble
Ultraviolet Absorption	227±2nm
Test for Potassium	Positive
Precipitation test	Yellow Precipitate

Purity

Test	Requirement
Assay Content	99.0~101.0%
Loss on Drying(105℃, 2h)	≤1
Organic Impurities	≤20
Impurity A	≤0.125
Impurity B	≤20
Fluoride	≤3
Potassium	17.0-21
Heavy Metals	≤5
Arsenic	≤3
Mercury	≤1
Lead	≤1
Selenium	≤10
Sulfate	≤0.1
PH (1 in 100 solution)	5.5-7.5

Microbiological Tests

Test	Requirement
Total Plate Count cfu/g	≤200
Coliforms-MPN MPN/g	≤10
Yeast and Moulds cfu/g	≤100
E.Coli	Negative
Salmonella	Negative

*Impurity A:3-oxobutanamide (acetylacetamide)

**Impurity B:5-chloro-6-methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide

The requirement stated herein also meets with the standard of BP,EP and FAO/WHO JECFA96 E950. (EU) No 231/2012

Allergenic: The product contains none of the ingredients of the list of allergenic of the EC.

Packing and Transportation: Adopting the package of 25kg/bag with net Kraft bag and PE inner.

The transportation shall be in accordance with the requirement of general chemicals.

Usage:Acesulfame-K-E950-CAS is the world's fourth-generation synthesis of a new type of healthy, low-calorie high intensity sweetener, E950 easy to preserve, thermally stable, E950 taste fresh, sweet feeling quickly. E950 not be metabolized in the body, no calories, and E950 do not produce heat.

E950 is used in foods and beverage, candy, cakes, ice cream, award-winning, pudding, sweet baked goods, and table packages, dairy products, almost all Tianwei.

Acesulfame-K-E950 widely used in food, pharmaceutical, household products, cosmetics and other industries. E950 added to cola, chewing gum. E950 need for diabetes patients and low-energy health food crowd.

EAST CHEMSOURCES LIMITED

No.666 Haibin 12th Road, Huangdao, Qingdao,China

Storage: Keep from sunlight; must be stored in an odor-free environment, low humidity condition are recommend to minimize caking/degradation potentials