



NiuSource Inc.
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NiuSource Acesulfame Potassium (Ace-K) Granular

FORMULA: C₄H₄KNO₄S

MOLECULAR WEIGHT: 201.24

CAS: 55589-62-3

E NUMBER: E950

EINECS NUMBER: 259-715-3

FLASHPOINT: Not Applicable

DESCRIPTION:

Acesulfame Potassium is a white, odorless, freely flowing powder having an intense sweet taste. A 3% solution is approximately 200 times sweeter than sucrose. It is freely soluble in water and slightly soluble in ethanol. This material is Kosher, Pareve and Halal Certified.

SUGGESTED USES/APPLICATIONS:

Carbonated Soft Drinks, Juices, Chewing gums, Hard Candy, Ice Cream, Yogurt, Pudding, Gelatins

SPECIFICATIONS:

Test Item	Specification	Reference
Assay (on dry basis)	99.0 - 101.0%	Current FCC / USP-NF
Identification	Yellow Precipitate	Current FCC / USP-NF
Ultraviolet Absorption	227 +/- 2 nm	Current FCC
Loss on Drying	≤ 1.0%	Current FCC / USP-NF
Organic Impurities	≤ 20 ug/g	Current FCC
Impurity A	≤ 0.125%	Current EP
Impurity B	≤ 20 mg/kg	Current EP
Mercury	≤ 1 mg/kg	Current FCC
Fluoride	≤ 3 mg/kg	Current FCC
Potassium	17.0 -21.0%	Current USP-NF
Heavy Metal	≤ 5 mg/kg	Current EP
Arsenic	≤ 3 mg/kg	Internal Method
Lead	≤ 1 mg/kg	Current FCC
Selenium	≤ 10 mg/kg	Internal Method
Sulfate	≤ 0.1%	Internal Method
pH (1 in 100 Solution)	5.5~7.5	Current FCC
Total Aerobic Plate Count	≤ 10 CFU /g	GB
Yeast and Mold Count	≤ 10 CFU/g	GB
Coliforms	≤ 1 MPN/g	GB
Escherichia Coli	Negative	GB
Salmonella	Negative	GB
Stapylococcus Aureus	Negative	GB
Particle Size	≥ 90.0% between 30-100 Mesh	Internal Method

FCC = Food Chemical Codex
 GB = National Standard Method

USP-NF = United States Pharmacopeia-National Formulary
 CFU = Colony Forming Units
 EP= European Pharmacopeia
 MPN = Most Probable Number



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CONFORMITY WITH: FAO-WHO Specifications
Food Chemicals Codex
European Commission Regulation No. 231/2012
Japanese Standards for Food Additives
US Pharmacopoeia

NUTRITIONAL DATA:

Nutrient	Per 100 grams
Carbohydrates	0
Fat (g)	0
Protein (g)	0
Potassium (g)	19.6
Calcium(g)	0
Dietary Fiber(g)	0
Sugar(g)	0
Energy Value (kcal)	0

NiuSource's Acesulfame Potassium is a synthetically manufactured product. Pesticides/Herbicides, Allergens, BSE/BTEs and GMO's are not used in the process nor do they come into contact with the product.

PACKAGING:

25-kg cardboard drums with two PE liner bags or as otherwise agreed upon.

SHIPPING & HANDLING:

Recommended to be shipped in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE:

Store in well closed containers in a cool, dry environment.

SHELF LIFE:

The shelf life of this material is 5 years from the date of manufacture if stored in recommended conditions.

LOT CODING:

Example Lot: 201605021

2016 = Year Manufactured

05 = Month Manufactured

02 = Date manufactured

1 = Production Line no.