

# Acesulfame Potassium (Ace-K)

**FORMULA:** C<sub>4</sub>H<sub>4</sub>N<sub>4</sub>SK

**MOLECULAR WEIGHT:** 201.24

**CAS No.:** 55589-62-3

**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, Parve and Halal Certified.

**SUGGESTED USES/APPLICATIONS**

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

**SPECIFICATIONS:**

#	Test Item	Speciflcation	Reference
1	Assay (on dry basis)	99.0 % - 101.0 %	Current USP
2	Identification	Yellow Precipitate	Current USP
3	Ultraviolet Absorption	227 +/- 2 nm	Internal Method
4	Loss on Drying	≤ 1.0 %	Current USP
5	Potassium	17.0% -21.0%	Internal Method
6	pH (1 of 100 Solution)	5.5~7.5	Current FCC
7	Arsenic	≤ 3 ppm	Internal Method
8	Heavy Metal (as Pb)	≤ 10 ppm	Current USP
9	Lead	≤ 1 ppm	Current FCC
10	Organic Impurities	≤ 20 ppm	Current USP
11	Residual Solvents	Meets the requirement	Current USP
12	Selenium	≤ 30 ppm	Internal Method
13	Fluoride	≤ 3 ppm	Internal Method
14	Total Aerobic Plate Count	≤ 250 CFU /g	GB/T
15	Yeast and Mold Count	≤ 100 CFU/g	GB/T
16	Coliforms	≤ 10 CFU/g	GB/T
17	Escherichia Coli	Negative	GB/T
18	Salmonella	Negative	GB/T

CFU = Colony Forming Units

FCC = Food Chemical Codex

USP = United States Pharmacopeia

GB/T = National Standard Method

**Meets the requirements set forth in the current FCC and USP/NF.**

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## NUTRITIONAL INFORMATION:

Based on 100 grams	Niutang Acesulfame Potassium
Carbohydrates	0
Fat (g)	0
Protein (g)	0
Potassium (g)	19.6
Calcium(g)	0
Dietary Fiber(g)	0
Energy Value	
(kcal)	0
(KJ)	0

Niutang'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

Preserve in a well-closed container, and protect from light.

### SHELF LIFE:

The shelf life of this material is 2 years from the date of manufacture if stored in ambient room temperature conditions.