

Acesulfame Potassium Powder

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.

Formula: $C_4H_4KNO_4S$

CAS: 55589-62-3

EINECS Number: 259-715-3

Molecular Weight: 201.24

E Number: E950

Flashpoint: Not Applicable

SUGGESTED USES Carbonated Soft Drinks, Juices, Chewing gums, Hard Candy, Ice Cream, Yogurt, Puddings

Test Item	Specification	Test Method / Reference
Assay (on anhydrous 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
Potassium	17.0% -21.0%	Current USP/NF
pH (1 of 100 Solution)	5.5~7.5	Current FCC
Arsenic	≤ 3 ppm	Internal Method
Heavy Metal (as Pb)	≤ 10 ppm	Current USP/NF
Lead	≤ 1 ppm	Current FCC
Chromatographic Impurities	≤ 20 ppm	Current USP/NF
Residual Solvents	Meets the requirement	Current USP/NF
Selenium	≤ 10 ppm	Internal Method
Fluoride	≤ 3 ppm	Current FCC
Total Aerobic Plate Count	≤ 250 CFU /g	GB
Yeast and Mold Count	≤ 100 CFU/g	GB
Coliforms	≤ 10 MPN/g	GB
Escherichia Coli	Negative	GB
Salmonella	Negative	GB
Particle Size	< 5.0% on 100 Mesh ≥ 90.0% between 100-140 Mesh ≤ 5% through 140 Mesh	Internal Method

CFU = Colony Forming Units
JP = Japanese Pharmacopeia
FCC = Food Chemical Codex

EP = European Pharmacopeia
USP/NF - United States Pharmacopeia-
National Formulary

GB= China National Standard Method
JECFA = Joint FAO/WHO Expert
Committee on Food Additives

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Acesulfame Potassium Powder

CONFORMITY WITH:

FAO-WHO Specifications
Food Chemicals Codex
European Commission Regulation No. 231/2012
Japanese Standards for Food Additives
US Pharmacopoeia
This material is Kosher Pareve and Halal Certified

PACKAGING

25 kg net weight fiber drums with inner liner or as otherwise agreed upon.

SHIPPING & HANDLING

Recommended to be stored 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 3 years from the date of manufacture if stored in recommended conditions.

LOT CODE EXPLANATION

Example Lot: 20130520
2013 = Year Manufactured
05 = Month Manufactured
20 = Batch manufactured: #20

NUTRITIONAL DATA

Nutrient	Per 100 grams
Calorie (kcal)	0
Water (g)	<1.0
Protein (g)	0
Total Fats (g)	0
Saturated	0
Mono-unsaturated	0
Poly-unsaturated	0
Trans Fats	0
Vitamins(mg)	0
Total Carbohydrates (g)	0
Total Sugars (g)	0
Dietary Fiber (g)	0
Cholesterol (mg)	0
Calcium (mg)	0
Iron (mg)	0
Niacin (mg)	0
Phosphorus (mg)	0
Potassium (g)	19.6
Riboflavin (mg)	0
Sodium (mg)	0
Protein (g)	0
Thiamin (mg)	0

This data is calculated from standard analytical data. The zero values are based on process knowledge and raw materials used.

Acesulfame Potassium is chemically pure and contains no additives, preservatives or colors.

