

Acesulfame Potassium Granular

DESCRIPTION

Acesulfame Potassium is a white, odorless, freely flowing granular 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 | < 0.5% on 20 Mesh ≥ 94.5% between 20-100 Mesh < 5% through 100 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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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.

