

Acesulfame Potassium

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

SPECIFICATIONS

Test Item	Specification
Appearance	White Crystal
Purity	99.0% - 101.0%
Ultraviolet Absorption	$\leq 227 \pm 2nm$
Loss on Drying	$\leq 1.0\%$
Potassium	17.0% - 21.0%
Heavy Metals (as Pb)	$\leq 10mg/kg$
Chromatographic Impurities	20ppm

FORMS

Power and Granular

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.

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

