

# Product Data Sheet

## Acesulfame-K



### Product:

Chemical name:

Functional Use:

E-No. E 950

CAS-No. 55589-62-3

### ACESULFAME POTASSIUM

6-methyl-1,2,3-oxathiazine-4(3H)-one-2,2-dioxide potassium salt

Nonnutritive Sweetener

Taric-Code 2934 9990 90

Analysing Standard FCC V / USP

### Characteristics/Analysis:

Appearance

White freely flowing crystalline powder

Odour

odourless

Taste

Intensely sweet taste, approximately 200 times sweeter than sucrose (3% solution)

Assay Content

≥ 99 %

Solubility

Freely soluble in water, slightly soluble in ethanol

Ultraviolet Absorption

Maximum 227 ± 2 nm for a solution of 10 mg in 1 000 ml of water

Test for Potassium

Positive

Precipitation Test

Yellow Precipitate

Loss on drying

≤ 1,0 % (105°C, 2h)

Organic Impurities

≤ 20 mg/kg

Fluoride

≤ 3 mg/kg

Lead

≤ 1 mg/kg

Heavy Metals (as Pb)

≤ 5 mg/kg

Arsenic (as AS)

≤ 3 mg/kg

Selenium

≤ 10 mg/kg

PH value (1 in 100 solution)

5,5 – 7,5

### Miscellaneous:

Origin:

China

Certification:

Kosher, Halal and Non-GMO

Original Packaging:

Cartons of 25 kg net

Storage:

To be stored in closed original packaging in a cool & dry place, kept away from light and heat

Shelf life:

36 months unopened when properly stored under the recommended conditions.

The information given above is set in good faith for guidance only and may not be interpreted as a warranty whatsoever. The users are obliged to conduct their own tests in order to determine the suitability for their own particular purposes. For the commercial use of this product, including the labelling and the description of any food in which it may be incorporated, it remains at the user's/food manufacturer's responsibility to identify and fulfill all general and specific legal requirements.