

ACESULFAME POTASSIUM
“ACE K”

DESCRIPTION: White, odorless, free-flowing crystalline powder having an intensively sweet taste. Approximately 200 times as sweet as sucrose (3% solution).

FORMULA: $C_4H_4O_4KS$

MOLECULAR WEIGHT: 201.24

SOLUBILITY: Freely soluble in water and slightly in ethanol.

IDENTIFICATION: Ultraviolet absorption -- 227 +/- 2 nm
Test for Potassium -- Positive
Precipitation test -- Yellow precipitation

USES: Non-Nutritive sweetener.

SACKING: 25 kilo fiber drums

STORAGE: Keep in tight containers in cool and dry place.

ANALYSIS:	
assay	99.0-101.0%
Loss on drying (105°C, 2h)	1% Maximum
Organic impurities	20 mg/kg Maximum
Fluoride	3 mg/kg Maximum
Heavy Metals	5 mg/kg Maximum
Lead	1 mg/kg Maximum
Arsenic	3 mg/kg Maximum
Selenium	30 mg/kg Maximum
pH (1 in 100 solution)	6.5-7.5

THE PRODUCT COMPLIES WITH THE REQUIRMENTS OF FAO/WHO JECFA (1996) FCC IV AND EUROPEAN PHARMACOPOEIA SUPPLEMENT 1998.
PRODUCT IS KOSHER.