

H & A (CANADA) INC.

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PRODUCT DATA

ACESULFAME POTASSIUM FCCV

Item #: AC300
CAS No: 55589-62-3

M. Wt.: 201.24
M. Fm.: C₄H₄NO₄KS

Description:

A white, free-flowing, odorless crystalline powder. It is approximately 200 times sweeter than sucrose (3% solution) and it is freely soluble in water and very slightly soluble in ethanol.

Applications:

A new type of non-nutritive sweetener used in the preparation of sugar-free and reduced-sugar beverages, confectionery, baked goods, desserts, yogurt, table-top sweeteners, nutraceuticals, and pharmaceuticals. It is also non-caloric and is approved (by the United States Food & Drug Administration) without restriction for any segment of the population.

Specifications:

This product complies with FCCV standard.

Assay (Titrimetric method)	.....	99.0 – 101.0%
Loss on drying	.....	≤ 1%
Organic Impurities (HPLC)	.....	≤ 20ppm
Potassium	.....	17.0 - 21.0%
pH (1% solution)	.....	5.5 – 7.5
Arsenic	.....	≤ 3ppm
Fluoride	.....	≤ 3ppm
Heavy metals	.....	≤ 10ppm
Lead	.....	≤ 1ppm
Selenium	.....	≤ 30ppm
Ultraviolet absorption	.....	227+/- 2nm
Test for Potassium	.....	Positive
Precipitation Test	.....	Yellow precipitate

Packing and Storage:

Preserved in 25 kg drums or cartons. Store in a cool, dry condition with tight seal.

Shelf life: 3 years.

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