

ACESULFAME-K

Specification code **AK/1/OP/E/ENG**

Date 24.09.2025

Description	
Description	Ace-K is a white, crystalline powder or granular material with a clean, sweet taste. It is approximately 200 times sweeter than sugar.
Name	Ace-K
Chemical formula	C4H4NO4KS
Molecular weight	201,24
CAS number	55589-62-3
E number	E950
Suggested uses	Beverages Instant mixes (e.g. powdered drinks) Yogurts Ice cream Desserts

Inne	
Pakowanie	Big drums and small drums
Przechowywanie	Powinien być przechowywany w chłodnym, suchym miejscu w temperaturze otoczenia.

Specyfikacja produktu	
Particle size	30–100 mesh
UV absorption	227 ± 2 nm
Potassium test	positive result
Precipitation test	yellow precipitate
Assay (dry basis)	od 99,0% do 101,0%
Loss on drying	maximum 1.0%
Organic impurities	Maximum 20 mg/kg
Fluoride	maximum 3 mg/kg
Impurity A	0,125%
Impurity B	maximum 20 mg/kg
Heavy metals	maximum 5 mg/kg
Arsenic	maximum 3 mg/kg
Lead	maximum 1 mg/kg
pH (1% solution)	od 5,5 do 7,5
Mercury	maximum 1 mg/kg