



Specification

Concerning Product:	
Article number	55589623NL
Trade name / designation / denomination	Acesulfam-K, E 950
CAS number	55589-62-3
Other names / synonyms	•6-methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide, potassium salt; •Acesulfame K; •acesulfame potassium; •potassium 6-methyl-2,2-dioxo-1-oxa-2\$!;
EC number	259-715-3
Customs tariff number / CN code / TARIC	29349990
Molecular weight [g / mol]	201.24216
Formula	C ₄ H ₄ KNO ₄ S

Parameter	Specification	Unit
Organoleptic test		
Appearance	white crystalline powder, odourless	
Physical parameter		
Loss on drying	105°C, 2h ≤ 1	%
pH value	5,5 – 7,5	
Solubility	soluble in water, slightly soluble in ethanol and acetone	
Identity		
Assay	on anhydrous basis ≥ 99	%
UV spectroscopy	≤ 227 ± 2	nm
Impurities		
Heavy Metals (as Pb)	≤ 5	ppm
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Fluorine (F)	≤ 3	ppm
Mercury (Hg)	≤ 1	ppm
Potassium (K)	17 – 21	%
Lead (Pb)	≤ 1	ppm
Selenium (Se)	≤ 10	ppm
Organic volatile impurities		
Org. volat. Imp. Total	≤ 20	ppm

Microbiological data		
Aerobic microorganisms	≤ 1000	CFU/g
Escherichia Coli.	not detectable in 1 g	CFU/g
Salmonella	not detectable in 10 g	
Yeast and Mould	≤ 200	CFU/g

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Supplemental information:

Shelf life: 24 month

Derivation: synthetic

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

Storage conditions: Protect from light and store cool and dry (relative humidity max. 65%) in well-closed original packaging. The temperature should not exceed 25 °C.

Usage: The product is suitable for a vegetarian nutrition.

The product is suitable for a vegan nutrition.

The product is suitable for lactose intolerance diet.

The product is suitable for people with coeliac disease and sprue.

The product is in compliance with Jewish dietary laws.

The product is in compliance with Islamic dietary laws.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Nov. 2022

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