

Product specification

CAA-KDSFG-E
Revision 82009-09-08
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supersedes:CAA-KDSFG-E, Rev.7 dated 2009-04-20



POTASSIUM METABISULFITE FOOD GRADE (E 224)

PRD-No.: 30042359

1. General

This product is produced and marketed by BASF SE, Ludwigshafen, Germany. The unit producing and marketing this product is certified according to ISO 9001:2000. An HACCP concept is implemented. GMP requirements according to FDA Title 21 Food and Drugs, cGMP Part 110 and "BRC Global Standard Food" (Classification: A) are fulfilled.

Appearance: white, fine crystalline powder with an odour of SO₂
 Chemical name: Potassium Metabisulfite, K₂S₂O₅
 CAS no.: 16731-55-8
 EINECS no.: 240-795-3

2. Specifications

Parameter	Unit	Specification	Test method
K ₂ S ₂ O ₅	g/100 g	min. 97.2	ANSI PH 4.277-1980
SO ₂	g/100 g	min 56.0	calculated
Thiosulfate (as S ₂ O ₃ ²⁻)	g/100 g	max. 0.06	ISO 3629-2000 (E)
Na	g/100 g	max. 2.0	ICP-OES
Chloride	g/kg	max. 0.5	IC
pH-value (10% solution)	-	3.8 – 4.8	BASF method
Heavy metals as Pb	mg/kg	max. 10	ICP-OES
As	mg/kg	max. 1	ICP-OES
Cd	mg/kg	max. 1	ICP-OES
Cu	mg/kg	max. 1	ICP-OES
Fe	mg/kg	max. 5	ICP-OES
Hg	mg/kg	max. 0.1	AAS (cold vapour)
Pb	mg/kg	max. 1	ICP-OES
Se	mg/kg	max. 1	ICP-OES
Zn	mg/kg	max. 1	ICP-OES
K ₂ SO ₃ + K ₂ SO ₄	-	remainder	calculated

Potassium Metabisulfite Food Grade fulfils the purity criteria for food additives set by EU Directive 2008/84/EU, the Joint (FAO/WHO) Expert Committee on Food Additives (JECFA) in the Codex Alimentarius as well as the one contained in the Food Chemical Codex and in the resolution "OENO 34-2000" of the International Oenological Codex. The purity of this product fulfils the specification limits of the effective edition of the US Pharmacopeia.

For use as a food additive, Potassium Metabisulfite Food Grade has a limited license according to E-No. 224.

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.