

Product Specification

CM – Monomers Division

POTASSIUM METABISULFITE FOOD GRADE (E 224)

1. PRD-No.: 30042359

2. Document information

Document name: StS_KDSFG_30042359_CM-EN
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3. General

This product is produced by BASF SE, Ludwigshafen, Germany. BASF SE, Ludwigshafen, Germany is certified according to ISO 9001. An HACCP-Concept (EC) No. 852/2004 is implemented. The requirements according to "FDA: Current Good Manufacturing Practice, Hazard Analysis, and Risk-Based Preventive Controls for Human Food; 21 CFR Part 117", as well as "ISO 22000, ISO/TS 22002-1 and additional FSSC 22000 requirements" are fulfilled.

Appearance: white, fine crystalline powder, with an odour of SO₂
 Chemical Name: Potassium Metabisulfite, K₂S₂O₅
 CAS-Nr.: 16731-55-8
 EINECS-Nr.: 240-795-3

4. Properties

Property	Unit	Limit	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. 0.01	European Pharmacopoeia
Na	g/100 g	max. 2.0	ICP-OES
Chloride	g/kg	max. 0.5	IC
pH-value (5% solution)	-	3.0 – 4.5	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 Directive (EU) 231/2012, 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 Pharmacopoeia as well as the European Pharmacopoeia. For use as a food additive, Potassium Metabisulfite Food Grade has a limited license according to E-No. 224. May contain process-related particles up to 500 µm, which do not affect the quality of the product.

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.

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