

Product specification

CM-NANO2-E250-E
Revision 0

2016-01-18
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supersedes: CM-NANIFG-E, Rev. 0

dated 2014-10-3



SODIUM NITRITE FOOD GRADE E250

PRD-NO.: 30216106

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.

An HACCP concept is implemented. GMP requirements according to FDA Title 21 Food and Drugs, cGMP Part 110 are fulfilled.

Appearance:	white to slightly yellow crystalline product
Chemical Name:	sodium nitrite, NaNO_2
CAS no.:	7632-00-0
EINECS no.:	231-555-9

2. Properties

Property	Unit	Limit	Test method
Appearance of solution		pass test	European Pharmacopoeia
Acidity or alkalinity		pass test	European Pharmacopoeia
heavy metals (Sum as Pb)		pass test	European Pharmacopoeia
NaNO_2	g/100 g	min. 99.0	Titration
NaNO_3	g/100 g	max. 0.7	IC
Na_2CO_3	mg/kg	max. 600	Titration
Chloride	mg/kg	max. 50	IC
Sulphate	mg/kg	max. 50	IC
H_2O (loss on drying)	g/100 g	max. 0.2	Gravimetry
insolubles	mg/kg	max. 50	Gravimetry
heavy metals	mg/kg	max. 10	ICP-OES
As	mg/kg	max. 0.2	ICP-OES
Cd	mg/kg	max. 1	ICP-OES
Pb	mg/kg	max. 1	ICP-OES
Hg	mg/kg	max. 0.05	ICP-OES

Sodium Nitrite 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. It also fulfils the effective specification limits of the European Pharmacopoeia and the US Pharmacopoeia.

For use as a food additive, Sodium Nitrite Food Grade has a limited license in the EU according to E-No. 250.

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.