

Product Specification

SODIUM SULFITE ANHYDROUS PHOTO, NON FOOD GRADE

Photographic Grade (ISO 418-2001)

PRD-NO.: 30042380

1. General

This product is produced by BASF SE, Ludwigshafen, Germany. BASF SE, Ludwigshafen, Germany is certified according to ISO 9001.

Appearance:	white, odourless, fine crystalline powder
Chemical Name:	Sodium sulfite, Na ₂ SO ₃
CAS-Nr.:	7757-83-7
EINECS-Nr.:	231-821-4

2. Properties

Parameter	Unit	Specification	Test method
Appearance of solution	-	Clear and free from insoluble matter except for a slight flocculence	ISO 418-2001 (E)
Na ₂ SO ₃	g/100 g	min. 98.3	ISO 418-2001 (E)
SO ₂	g/100 g	min. 49.9	calculated
Insoluble matter	g/100 g	max. 0.5	ISO 10349-3
pH value (5% solution)	-	9.0 – 10.0	DIN 19268-2007
Alcalinity (as Na ₂ CO ₃)	g/100 g	max. 0.15	ISO 10349-7
Chloride	mg/kg	max. 30	IC
AgNO ₃ - test	-	fulfilled	ISO 10349-9
Fe	mg/kg	max. 5	ICP-AES
Heavy metals as Pb	mg/kg	max. 10	ICP-AES
Na ₂ S ₂ O ₃	g/100 g	max. 0.015	ISO 418-2001 (E)
Na ₂ SO ₄	g/100 g	remainder	calculated

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.