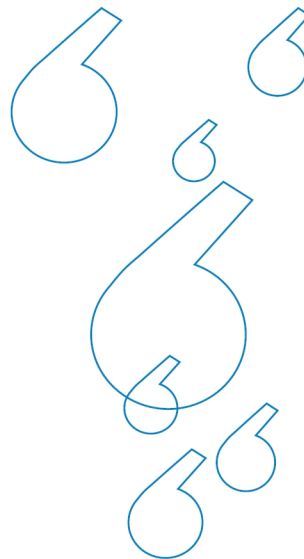




RETORTE
AURUBIS GROUP



RETORTE GmbH
Selenium Chemicals & Metals
Sulzbacher Straße 45
90552 Röthenbach a. d. Pegnitz

+49 (0)911 95 33 74-0
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Managing Director: Steffan Huber
Seat: Nürnberg local court
Commercial register number: HRB 2184

Deutsche Bank Hamburg
IBAN: DE18 2007 0000 0051 5320 00
BIC (SWIFT-Code): DEUTDEHH

Specification

Sodium Selenite Na_2SeO_3 , 99.9 % min.
(45/46 % Se min.), Ph.Eur.
item no.: 07000

description	specification	test method
silver [ppm]	< 5.00	ICP OES
sodium, qualitative	Identification C, gives reaction to sodium	Ph.Eur. 2740
selenite, qualitative	Identification B, gives no reaction to sulphate/selenate	Ph.Eur. 2740
selenium, qualitative	Identification A, gives reaction to selenium	Ph.Eur. 2740
solubility	freely soluble in water, practically insoluble in ethanol	Ph.Eur. 2740
iron [ppm]	< 50 ppm	Ph.Eur. 2740
chloride [ppm]	< 50 ppm	Ph.Eur. 2740
sulphate / selenate	< 300 ppm	Ph.Eur. 2740
passes 0,045 mm [%]	25.0	sieve analysis
passes 0,300 mm [%]	99.8	sieve analysis
sieve analysis [1,000 mm]	100.0	sieve analysis
loss on drying [%]	< 0.50	Ph.Eur. 2740
content [%]	98.5 - 101.5	Ph.Eur. 2740
pH -value	9.80 - 11.30	pH-electrode
tellurium [ppm]	< 100.00	ICP OES
lead [ppm]	< 5.00	ICP OES
nickel [ppm]	< 5.00	ICP OES
mercury [ppm]	< 0.10	ICP OES
iron [ppm]	< 10.00	ICP OES
copper [ppm]	< 5.00	ICP OES
cadmium [ppm]	< 1.00	ICP OES
arsenic [ppm]	< 20.00	ICP OES
carbonate	no bubbling	USP reagent test sodium selenite
appearance	white or almost white, crystalline, deliquescent powder	visual inspection



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description	specification	test method
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Remarks

Packaging

20 kg net steel drum with PE inliner or 1 kg PE container

Transportation

UN2630, class 6.1

Version

02/01.01.2025