

RM154 Sodium biselenite, Bacteriological grade (Sodium hydrogen selenite, Bacteriological grade)

Product Number	Packing
RM154	: 100G
RM154	: 1KG

Product Information

Product Code	: RM154
Product Name	: Sodium biselenite, Bacteriological grade
Synonym	: Sodium hydrogen selenite, Bacteriological grade
Molecular Formula	: NaHSeO ₃
Molecular Weight	: 150.96
CAS No.	: 7782-82-3
EC No.	: 231-966-3
HS Code	: 2842 90 10
Shelf Life	: 4 years

Technical Specification

Appearance	: White to off-white crystals or powder
Solubility	: 100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	: ≥ 5.40
Cultural response	: Cultural response observed after an incubation at 35-37°C for 18-24 hours in Selenite Broth (M052A), where Sodium biselenite is used as an ingredient.

Organism	Recovery	Colour of colony
<i>Escherichia coli</i> ATCC 25922	Little-none	White to pink with bile precipitate
<i>Salmonella Choleraesuis</i> ATCC 12011	Little-none	White to pink with bile precipitate
<i>Salmonella Typhi</i> ATCC 6539	Little-none	White to pink with bile precipitate
<i>Salmonella Typhimurium</i> ATCC 14028	Little-none	White to pink with bile precipitate

Assay (Iodometry) : min. 90.00%

GHS Safety Information

Hazard Statement(s) : H301-H331-H373-H410
Precautionary Statement(s) : P261-P273-P301+P310-P311-P501
Signal Word : Danger
Hazard Pictogram(s)



Risk and Safety Information

R-Phrase(s) : 23/25-33-50/53
S-Phrase(s) : 20/21-28-45-60-61
WGK : 3
RTECS : VS7500000
Storage Temperature(°C) : Store below 30°C
Hazard Symbol(s)



Transport Information

UN No. : 2630
Class : 6.1
Packaging Group : 1
Marine Pollutant : No
ADR/RID : 2630 6.1/PG 1
IMDG : 2630 6.1/PG 1
IATA : 2630 6.1/PG 1