

POTASSIUM TELLURITE HYDRATE

PO0380 Potassium tellurite hydrate, for bacteriology



- $K_2TeO_3 \cdot xH_2O$
- $M = 253,79$ g/mol
- CAS [123333-66-4]
- EINECS-No.: 232-213-1
- Solub. in water: (20 °C): soluble
- Melting point: 460 - 470 °C (decomposes)
- ADR: 6.1 T5 II UN 3284
- IMDG: 6.1 II UN 3284
- IATA/ICAO: 6.1 II UN 3284
- GHS-signal word: Danger

- GHS-H sentences: H301 - H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P405 - P501a
- Tariff number: 2842 90 10 00
- Applications: for microbiology, for the detection of: bacteria.
- Appearance: Off-white powder

suitability for bacteriology passes test

ART. NO.	VOLUME	CONTAINER
PO03800025	25 g	0
PO03800250	250 g	0

POTASSIUM THIOCYANATE

- Synonyms: Potassium sulfocyanate, Potassium rhodanide, Potassium sulfocyanide
- KSCN
- $M = 97,18$ g/mol
- CAS [333-20-0]
- EINECS-No.: 206-370-1
- Solub. in water: (20 °C): soluble

- Melting point: 175 °C
- Boiling point: 500 °C (decomposes)
- LD 50 (oral, rat): 854 mg/kg
- EC-Index-No.: 615-004-00-3
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312 - H332 - H412 - EUH032

- GHS-P sentences: P261 - P280 - P322 - P304 + P340 - P363 - P501a
- Tariff number: 2842 90 80 80
- Applications: in the textile industry, photography, analytical chemistry.

PO0369 Potassium thiocyanate, EssentQ®



assay (argentometric) min. 98,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,02 %
 pH (5 %, H₂O) 5,0 - 8,7
 chlorides (Cl) max. 0,05 %
 sulfates (SO₄) max. 0,1 %
 ammonium (NH₄) max. 0,01 %

copper (Cu) max. 0,002 %
 iron (Fe) max. 0,002 %
 lead (Pb) max. 0,002 %

ART. NO.	VOLUME	CONTAINER
PO03690500	500 g	0
PO03691000	1 kg	0
PO0369005P	5 kg	0
PO0369025P	25 kg	0

PO0370 Potassium thiocyanate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (argentometric) min. 99,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,003 %
 pH (5 %, H₂O) 5,3 - 8,5
 chlorides (Cl) max. 0,005 %
 sulfates (SO₄) max. 0,002 %
 matter consuming I (as I) passes test

sulfides (S) max. 0,001 %
 ammonium (NH₄) max. 0,002 %
 copper (Cu) max. 2 ppm
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 1 ppm
 lead (Pb) max. 2 ppm
 sodium (Na) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PO03700500	500 g	0
PO03701000	1 kg	0
PO0370005P	5 kg	0
PO0370025P	25 kg	0

POTASSIUM THIOCYANATE, SOLUTION 5%

PO0372 Potassium thiocyanate, solution 5% w/v

- Synonyms: Potassium sulfocyanate, Potassium rhodanide
- KSCN
- $M = 97,18$ g/mol
- CAS [333-20-0]
- EINECS-No.: 206-370-1
- Density: 1,022 g/cm³

- LD 50 (oral, rat): 854 mg/kg (pure substance)
- EC-Index-No.: 615-004-00-3
- Tariff number: 2842 90 80 80
- Applications: analytical chemistry, for determination of: iron.

assay (argentometric) approx. 5%

ART. NO.	VOLUME	CONTAINER
PO03720250	250 ml	0
PO03720500	500 ml	0

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z