

TISAB III

TI0329 TISAB III, for fluorides determination



- Density: ~ 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, for determination of: fluorides.

composition: 1,2- Diaminocyclohexane-N,N,N',N'-tetraacetic acid monohydrate 18 g
ammonium chloride 96,65 g
ammonium acetate 163,4 g
cresol red 0,1 g
water 1 liter

ART. NO.	VOLUME	CONTAINER
TI03290500	500 ml	Ⓟ
TI03291000	1 l	Ⓟ

TISAB IV

TI0330 TISAB IV, for fluorides determination, according to ASTM D1179



- Density: 1,20 g/cm³
- Solub. in water: (20 °C): miscible
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313

- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, for determination of: fluorides.

For samples containing < 3 ppm of Fe and/or Al

ART. NO.	VOLUME	CONTAINER
TI03300500	500 ml	Ⓟ

TITANIUM DIOXIDE

TI0367 Titanium dioxide, EssentQ®

- Synonyms: Titanium(IV) oxide
- TiO₂
- M = 79,90 g/mol
- CAS [13463-67-7]
- EINECS-No.: 236-675-5
- Solub. in water: (20 °C): insoluble
- Melting point: 1855 °C
- Boiling point: 2900 °C

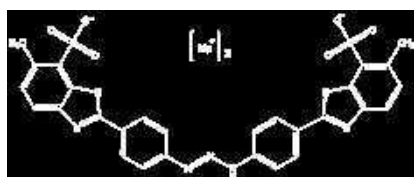
- LD 50 (oral, rat): > 10000 mg/kg
- Tariff number: 2823 00 00 90
- Applications: laboratory reagent, synthesis of organic products, pigment, in food industry (colouring agent), painting, in the ceramics industry, in the production of enamels.

assay min. 99 %
loss on ignition (1000°C, 2 h) max. 0,5 %

ART. NO.	VOLUME	CONTAINER
TI03670100	100 ml	Ⓟ
TI03670500	500 g	Ⓟ
TI03671000	1 kg	Ⓟ

TITAN YELLOW, C.I. 19540

AM0095 Titan yellow, C.I. 19540, reagent for magnesium and indicator

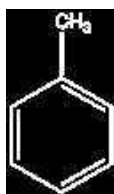


- Synonyms: Clayton yellow, Naphthamine G, Thiazole yellow
- C₂₈H₁₉N₃Na₃O₆S₄
- M = 695,73 g/mol
- CAS [1829-00-1]
- EINECS-No.: 217-377-4
- Solub. in water: (24 °C): ~ 29 g/l
- Tariff number: 3204 19 00 90
- Applications: analytical chemistry, indicator, laboratory reagent (magnesium).

Absorption maximum λ (pH 7,0) 405 - 406 nm
Absorptivity (A1%/1 cm; λ max, pH 7,0 on dried sample) 550 - 560
loss on drying (110 °C) max. 8 %
suitability as magnesium reagent passes test

ART. NO.	VOLUME	CONTAINER
AM00950025	25 g	Ⓟ
AM00950100	100 g	Ⓟ

TOLUENE



- Synonyms: Methylbenzene, Phenylmethane
- C₇H₈
- M = 92,14 g/mol
- CAS [108-88-3]
- EINECS-No.: 203-625-9
- Density: 0,87 g/cm³
- Solub. in water: (20 °C): 0,52 g/l
- Melting point: -95 °C
- Boiling point: 111 °C
- Flash pt. 4 °C
- Ignition temp.: 535 °C
- Vapour pressure: (20 °C) 29 hPa
- Dielectric const.: (25 °C) 2,3

- LD 50 (oral, rat): 636 mg/kg
- EC-Index-No.: 601-021-00-3
- ADR: 3 F1 II UN 1294
- IMDG: 3 II UN 1294
- IATA/ICAO: 3 II UN 1294
- GHS-signal word: Danger
- GHS-H sentences: H225 - H304 - H361d - H373 - H315 - H336 - H412 -
- GHS-P sentences: P210 - P241 - P260 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2902 30 00 00
- Applications: synthesis of organic products, solvents, as gasoline additive.