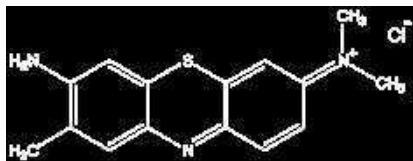


TOLUIDINE BLUE, C.I. 52040

AZ0235 Toluidine blue, C.I. 52040, for microscopy



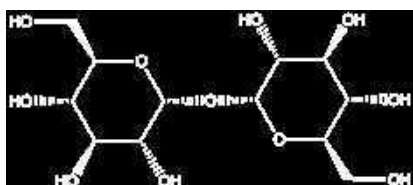
- Synonyms: Basic blue 17, Toluidine blue O
- $C_{15}H_{16}ClN_3S$
- $M = 305,83 \text{ g/mol}$
- CAS [92-31-9]
- EINECS-No.: 202-146-2
- Solub. in water: (25 °C): 30 g/l
- Tariff number: 3204 13 00 90
- Applications: indicator (microscopy), manufacture of dyes.

Absorption maximum λ (in H_2O) 628 - 633 nm
Absorptivity ($A1\%/1 \text{ cm}; \lambda \text{ max.}$) min. 1050
loss on drying (110 °C) max. 8 %

ART. NO.	VOLUME	CONTAINER
AZ02350005	5 g	0
AZ02350025	25 g	0
AZ02351000	1 kg	0

D-TREHALOSE

TR0030 D-Trehalose, for bacteriology



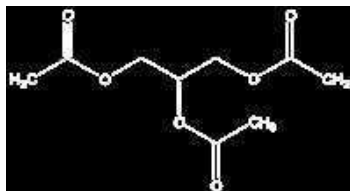
- Synonyms: Mycose, α -D-Glucopyranosyl- α -D-glucopyranoside
- $C_{12}H_{22}O_{11}$
- $M = 342,30 \text{ g/mol}$
- CAS [99-20-7]
- EINECS-No.: 202-739-6
- Solub. in water: (20 °C): 100 g/l
- Melting point: 203 °C
- Tariff number: 2940 00 00 80
- Applications: in biochemistry, for microbiology.

glucose (C.C.F.) max. 0,1 %
identity (IR-spectrum) passes test
specific rotation ($[\alpha]_{20}^{20} / D, c = 5, H_2O$)
referred to dried sample) +197° - + 200°
heavy metals (as Pb) max. 0,001 %
water (K.F.) max. 1 %

ART. NO.	VOLUME	CONTAINER
TR00300005	5 g	0

TRIACETIN

TR0080 Triacetin, 99%, EssentQ®

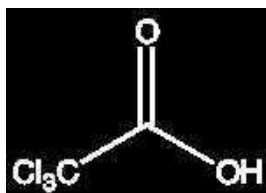


- Synonyms: Glycerol triacetate
- $C_9H_{14}O_6$
- $M = 218,23 \text{ g/mol}$
- CAS [102-76-1]
- EINECS-No.: 203-051-9
- Density: 1,16 g/cm³
- Solub. in water: (20 °C): 64 g/l
- Melting point: 4 °C
- Boiling point: 258 °C
- Flash pt. 138 °C
- Ignition temp.: 433 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- LD 50 (oral, rat): 3000 mg/kg
- Tariff number: 2915 39 30 00
- Applications: in biochemistry, solvents, perfumery, photography, cosmetics.

assay (acidimetric, on dried sample) 97 - 100,5 %
identity (IR-spectrum) passes test
density (20°/20°) 1,159 - 1,164
refractive index n_{20}^D 1,429 - 1,432
appearance of solution passes test
acidity passes test
residue on ignition max. 0,005 %
water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
TR00801000	1 l	0

TRICHLOROACETIC ACID



- Synonyms: TCA
- CCl_3COOH
- $M = 163,39 \text{ g/mol}$
- CAS [76-03-9]
- EINECS-No.: 200-927-2
- Solub. in water: (20 °C): soluble
- Melting point: 54 - 58 °C
- Boiling point: 197 °C
- Vapour pressure: (20 °C) 1 hPa
- LD 50 (oral, rat): 3320 mg/kg
- EC-Index-No.: 607-004-00-7

- ADR: 8 C4 II UN 1839
- IMDG: 8 II UN 1839
- IATA/ICAO: 8 II UN 1839
- GHS-signal word: Danger
- GHS-H sentences: H314 - H400 - H410
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2915 40 00 00
- Applications: analytical chemistry, laboratory reagent, herbicide, precipitant for: proteins, fixative in microscopy.