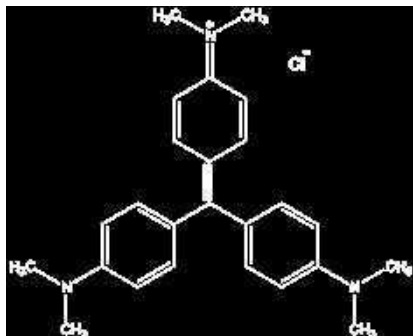


## CRYSTAL VIOLET, C.I. 42555

VI0025 Crystal violet, C.I. 42555, indicator, EssentQ®



- Synonyms: Hexamethylenepararosaniline chloride, Hexamethyl-p-rosanilinium chloride, Methyl violet 10 B
- $C_{25}H_{30}ClN_3$
- $M = 407,99 \text{ g/mol}$
- CAS [548-62-9]
- EINECS-No.: 208-953-6
- Solub. in water: (20 °C): 10 g/l
- Melting point: 189 - 194 °C
- LD 50 (oral, rat): 420 mg/kg
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077
- GHS-signal word: Danger
- GHS-H sentences: H318 - H351 - H400 - H410 - H302
- GHS-P sentences: P280 - P281 - P273 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3204 13 00 90

- Applications: analytical chemistry, microscopy, indicator.
- dye content (spectrophotometric) . . . . . min. 85 %
- Absorption maximum  $\lambda$  max (in  $H_2O$ ) . . . . . 589 - 594 nm
- Absorptivity (A 1%/1 cm;  $\lambda$  max; 0,002 g/l;  $H_2O$ ) . . . . . 2000 - 2450
- loss on drying . . . . . max. 10 %
- suitability as indicator in
- TLC test . . . . . passes test
- non-aqueous solvents . . . . . passes test

ART. NO.	VOLUME	CONTAINER
VI00250025	25 g	0
VI00250100	100 g	0

## CRYSTAL VIOLET OXALATE, SOLUTION ACCORDING TO GRAM HÜCKER

VI0027 Crystal violet oxalate, solution according to Gram Hücker

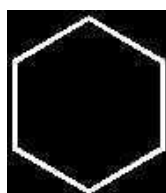


- Density: 0,980 g/cm<sup>3</sup>
- GHS-signal word: Warning
- GHS-H sentences: H226 - H351 - H319 - H412
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: microscopy, bacterium staining.

suitability for microscopy . . . . . passes test

ART. NO.	VOLUME	CONTAINER
VI0027G100	100 ml	0
VI0027O500	500 ml	0
VI00271000	1 l	0

## CYCLOHEXANE



- Synonyms: Hexahydrobenzene, Hexamethylene, Naphthene
- $C_6H_{12}$
- $M = 84,16 \text{ g/mol}$
- CAS [110-82-7]
- EINECS-No.: 203-806-2
- Density: 0,78 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 55 mg/l
- Melting point: 6 °C
- Boiling point: 80,7 - 81 °C
- Flash pt. -18 °C
- Ignition temp.: 260 °C
- Vapour pressure: (20 °C) 103 hPa
- Refraction index: (n 20 °C/D) 1,4264

- Dielectric const.: (20 °C) 2,0
- LD 50 (oral, rat): 12705 mg/kg
- EC-Index-No.: 601-017-00-1
- ADR: 3 F1 II UN 1145
- IMDG: 3 II UN 1145
- IATA/ICAO: 3 II UN 1145
- GHS-signal word: Danger
- GHS-H sentences: H225 - H304 - H400 - H410 - H315 - H336
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P321 - P405 - P501a
- Tariff number: 2902 11 00 00
- Applications: solvents, analytical chemistry, synthesis of organic products.

CI0031 Cyclohexane, EssentQ®



assay (G.C.) . . . . . min. 99,5 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 0,776 - 0,780  
 acidity . . . . . max. 0,001 meq/g  
 copper (Cu) . . . . . max. 0,2 ppm  
 iron (Fe) . . . . . max. 0,5 ppm  
 lead (Pb) . . . . . max. 0,2 ppm

nickel (Ni) . . . . . max. 0,2 ppm  
 cyclohexene (G.C.) . . . . . max. 0,05 %  
 aromatic hydrocarbons (as  $C_6H_6$ ) . . . . . max. 0,05 %  
 sulfur compounds (as S) . . . . . max. 0,005 %  
 substances darkened by  $H_2SO_4$  . . . . . passes test  
 residue on evaporation . . . . . max. 0,001 %  
 water (K.F.) . . . . . max. 0,02 %

ART. NO.	VOLUME	CONTAINER
CI00311000	1 l	0
CI00312500	2,5 l	0
CI0031005L	5 l	0
CI0031025A	25 l	0