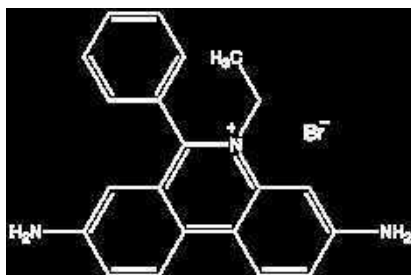


## ETHIDIUM BROMIDE

ET0108 Ethidium bromide, for biochemical purposes



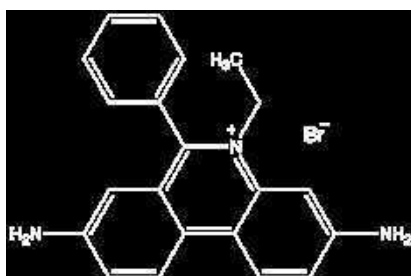
- Synonyms: 3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide, Homidium bromide
- $C_{21}H_{20}BrN_3$
- M = 394,32 g/mol
- CAS [1239-45-8]
- EINECS-No.: 214-984-6
- Solub. in water: (25 °C): ~ 40 g/l
- Melting point: 261 - 264 °C
- Flash pt. > 100 °C
- LD 50 (oral, rat): 1503 mg/kg
- ADR: 6.1 T2 I UN 2811
- IMDG: 6.1 I UN 2811
- IATA/ICAO: 6.1 I UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H330 - H341 - H302
- GHS-P sentences: P260 - P284 - P281 - P320 - P405 - P501a
- Tariff number: 2933 99 90 90
- Applications: in biochemistry, oxidizing agent.
- Appearance: Dark red solid

assay (titr. with  $HClO_4$ , ref. to dried sample) ..... min. 98 %  
Absorption maximum  $\lambda$  max (in methanol) 524 - 527 nm  
Absorptivity ( $A_{1\%}^{1\text{ cm}}$ ;  $\lambda$  max; methanol, 0,0005%, on dried sample) ..... 155 - 165  
related substances (TLC) ..... passes test  
loss on drying (130 °C, 4 h) ..... max. 7 %

ART. NO.	VOLUME	CONTAINER
ET01080001	1 g	0
ET01080010	10 g	0

## ETHIDIUM BROMIDE, SOLUTION 10 MG/ML

ET0109 Ethidium bromide, solution 10 mg/ml

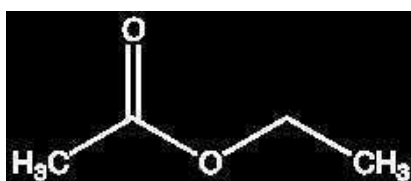


- Synonyms: 3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide, Homidium bromide
- $C_{21}H_{20}BrN_3$
- M = 394,32 g/mol
- CAS [1239-45-8]
- EINECS-No.: 214-984-6
- ADR: 6.1 T1 II UN 2810
- IMDG: 6.1 II UN 2810
- IATA/ICAO: 6.1 II UN 2810
- GHS-signal word: Warning
- GHS-H sentences: H341
- GHS-P sentences: P281 - P201 - P202 - P308 + P313 - P405 - P501a
- Tariff number: 2933 99 90 90
- Applications: for electrophoresis, in biochemistry, for determination of: nucleic acids.

Absorption maximum  $\lambda$  (in  $H_2O$ ) ..... 478 - 482 nm  
Absorptivity ( $A_{1\%}^{1\text{ cm}}$ ;  $\lambda$  max; methanol, on dried sample) ..... 140 - 160  
suitability for electrophoresis ..... passes test

ART. NO.	VOLUME	CONTAINER
ET01090010	10 ml	0

## ETHYL ACETATE



- Synonyms: Acetic acid ethyl ester, Acetic ether
- $C_4H_8O_2$
- M = 88,10 g/mol
- CAS [141-78-6]
- EINECS-No.: 205-500-4
- Density: 0,90 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 85,3 g/l
- Melting point: -83 °C
- Boiling point: 77 °C
- Flash pt. -4 °C
- Ignition temp.: 460 °C
- Vapour pressure: (20 °C) 97hPa
- Refraction index: (n 20 °C/D) 1,3723

- Dielectric const.: (25 °C) 6,0
- LD 50 (oral, rat): 5620 mg/kg
- EC-Index-No.: 607-022-00-5
- ADR: 3 F1 II UN 1173
- IMDG: 3 II UN 1173
- IATA/ICAO: 3 II UN 1173
- GHS-signal word: Danger
- GHS-H sentences: H225 - H319 - H336 - EUH066
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2915 31 00 00
- Applications: solvents, perfumery, photography.

AC0140 Ethyl acetate, EssentQ®



assay (G.C.) ..... min. 99,5 %  
identity (IR-spectrum) ..... passes test  
density (20°/20°) ..... 0,898 - 0,902  
acidity ..... passes test  
residue on evaporation ..... max. 0,001 %  
water (K.F.) ..... max. 0,05 %

ART. NO.	VOLUME	CONTAINER
AC01401000	1 l	0
AC01402500	2,5 l	0
AC0140005L	5 l	0
AC0140005P	5 l	0
AC0140007E	7 l	0

ART. NO.	VOLUME	CONTAINER
AC0140025L	25 l	0
AC0140025P	25 l	0
AC0140025S	25 l	0
AC0140030S	30 l	0
AC0140200E	200 l	0