

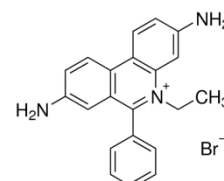


Product Specification



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ETHIDIUM BROMIDE

PRODUCT CODE	083205
SYNONYMS	(Homidium bromide) (3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide)
C.I. NO.	--
CASR NO.	(1239-45-8)
ATOMIC OR MOLECULAR FORMULA	C₂₁H₂₀BrN₃
ATOMIC OR MOLECULAR WEIGHT	394.32
PROPERTIES	Soluble in 20 parts water and 750 parts chloroform at 20 °C.
PARAMETER	LIMIT
Description	Dark red to reddish purple powder.
Identification (UV-Vis)	Passes test.
Minimum Assay (Non- aqueous, on dried subs.)	98.0%
Absorption. maximum max. (0.005% in methanol, on dried subs.)	524 - 527 nm
Specific Absorptivity A1% 1 cm,(max; 0.005% in methanol, on dried subs.)	155 - 170
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 130°C for 4 hrs.)	8.0%



Note(s) : Assay (if applicable) method mentioned.	
DANGER Hazard statements : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure.Harmful to aquatic life with long lasting effects Precautionary statements Prevention : Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response : Get medical advice/attention if you feel unwell.Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water.IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell.IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing Disposal: Dispose of contents and container in accordance with relevant legislation.	MDG Code : 6.1/II UN No. : 2811 IATA :6.1

Hazard Pictogram(s) :
 
GHS06 GHS08

Replace date 1-June-2023