

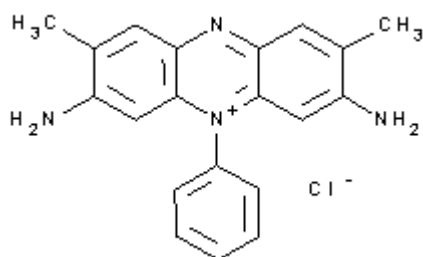
PRODUCT CODE: 251622

Safranine O (C.I. 50240) for clinical diagnosis

Dye for microorganisms staining according to Gram-Hucker, Sanitary product for in vitro diagnostic class A.

C₂₀H₁₉ClN₄

C₂₀H₁₉ClN₄



M.= 350,85

CAS [477-73-6]

EINECS 207-518-8

TARIC 2933 99 80 90

SYNONYMS: 3,7-Diamino-2,8-Dimethyl-5-Phenylphenazinium Chloride, Basic Red 2, Safranin T

PHYSICAL DATA: powder, Green-brownish, Soluble in water 50 g/l at 20 °C Soluble in alcohol 20 g/l pH10 •

BIBLIOGRAPHY: Conn's IX 385, 597 • Beilstein 25, 403 IV, 3056 • BRN 3924099 •

HAZARDOUS: RTECS: SG 1623000 • LD L0 oral mus 1.600 mg/kg •

SPECIFICATIONS:

Identity :

Identity

Ratio I_{max}. P +/- 15 nm

A 1% , 1 cm, λ_{max}.

IR passes test

1,10 - 1,32

>875

λof max. ABS in C₂H₅OH 50%

530 - 534 nm

T.L.C.

passes test

Maximum limit of impurities

Loss on drying at 110°C

15%