

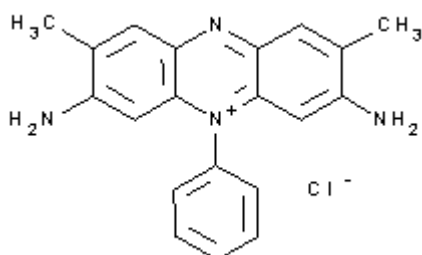
**PRODUCT CODE: 251622**

**Safranin O (CE-IVD) (C.I. 50240) for microscopy, for clinical diagnostics**

Dye for microorganisms staining according to Gram-Hucker, In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.

C<sub>20</sub>H<sub>19</sub>ClN<sub>4</sub>

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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<sub>max</sub>. P +/- 15 nm

A 1% , 1 cm, λ<sub>max</sub>.

IR passes test

1,10 - 1,32

>1180

λof max. ABS in C<sub>2</sub>H<sub>5</sub>OH 50%

530 - 534 nm

T.L.C.

passes test

**Maximum limit of impurities**

Loss on drying at 110°C

15%