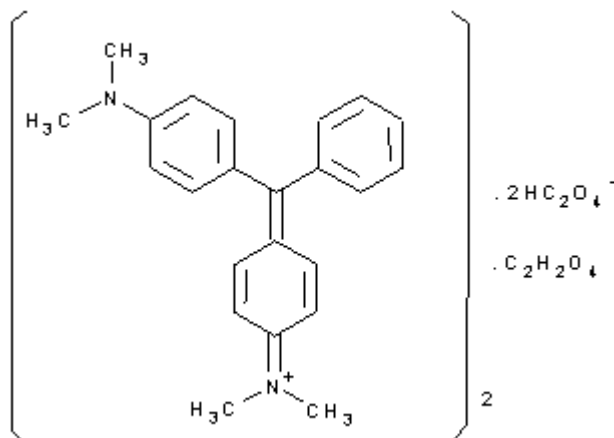


**PRODUCT CODE: 251761**

**Malachite Oxalate Green (C.I. 42000) for clinical diagnostics**  
 for microscopy, cytoplasm of vegetal cells staining

$C_{52}H_{54}N_4O_{12}$

$C_{52}H_{54}N_4O_{12}$



M.= 927,02

CAS [2437-29-8]

EINECS 219-441-7

TARIC 3204 13 00 90

**SYNONYMS:** Basic Green 4, N,N,N',N'-Tetramethyl-4,4'-Diaminotriphenylcarbenio Oxalate

**PHYSICAL DATA:** Green crystals with metallic lustrous, Soluble in water 400 g/l at 20 °C Soluble in alcohol 500 g/l

M.P.: -159 °C • pH(10 g/l sol.) 2,4 •

**BIBLIOGRAPHY:** Merck Index **12**, 5.739 Safety **2**, **2182 C** • Conn's **IX** 248, 579 • Beilstein **13**, **745 IV**, **2279** •

**HAZARDOUS:** C.E: 607-007-00-3 • RTECS: BQ 1190000 • LD50 oral mus 50 mg/kg • LD50 oral rat 275 mg/kg •



H: H318 • H361d • H410 • H302 • H400 •

P: P201 • P202 • P264 • P270 • P273 • P280 • P281 • P301+P312 • P305+P351+P338 • P308+P313 • P310 • P330 • P391 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 2811 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E)  
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**SPECIFICATIONS:**

|                                               |                |
|-----------------------------------------------|----------------|
| Identity :                                    |                |
| Identity                                      | IR passes test |
| Ratio I <sub>max</sub> . P +/-15 nm           | 1,00 - 1,15    |
| A 1% , 1 cm, λ <sub>max</sub> .               | >1450          |
| λ <sub>of max</sub> . ABS in H <sub>2</sub> O | 616 - 620 nm   |
| T.L.C.                                        | passes test    |
| <b>Maximum limit of impurities</b>            |                |
| Loss on drying at 110°C                       | 7%             |