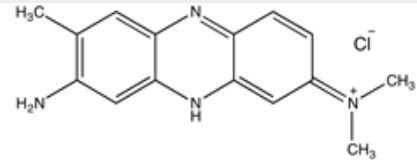


**Neutral red, C.I. 50040, for microscopy and indicator****Identification**

C<sub>15</sub>H<sub>17</sub>ClN<sub>4</sub>  
M = 288,78 g/mol  
CAS [553-24-2]  
EC number: 209-035-8  
Taric code: 3204 13 00

**Synonyms**

Tolulene red, Basic Red 5

**Applications**

indicator, microscopy.

**Specifications**

assay (spectrophotometric) .....min. 76 %	0,0005 %, ethanol 50 %)..... 1395 - 1550
Absorption maximum $\lambda$ max (in ethanol	related substances (TLC)..... passes test
50 %) .....539 - 544 nm	suitability for microscopy..... passes test
Absorptivity (A1%/1 cm; $\lambda$ max;	loss on drying (110 °C)..... max. 10 %

**Physical data**

- Appearance: powder, dark green
- Bulk density: ~ 350 - 500 kg/m<sup>3</sup>
- Solub. in water: (25 °C): 50 g/l
- pH(10 g/l H<sub>2</sub>O, 20 °C) ~ 3,1

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C