

**Eosin methylene blue, according to May-Grünwald****Identification**

CAS [68988-92-1]  
EC number: 273-541-5  
Taric code: 3204 19 00

**Applications**

microscopy, colouring agent.

**Specifications**

Absorption maximum $\lambda_1$ .....	645 - 651 nm	Absorptivity (A1%/1 cm; $\lambda_2$ max; in methanol; 0,0005 %, on dried sample).....	600 - 800
Absorption maximum $\lambda_2$ .....	520 - 525 nm	related substances (TLC).....	passes test
Absorptivity (A1%/1 cm; $\lambda_1$ max; in methanol, 0,0005 %, on dried sample).....	1100 - 1350	suitability for microscopy.....	passes test
		loss on drying (105 °C).....	max. 10 %

**Physical data**

- Appearance: lumpy powder, brown
- Bulk density: ~ 530 kg/m<sup>3</sup>
- Solub. in water: (20 °C): slightly soluble

**Transport/storage**

- 5°C - 30°C