

Specification

Formula Hill: $C_{25}H_{27}N_2NaO_6S_2$
Molar Mass: 538,62 g/mol
CAS N°: 2650-17-1

Print Date: 01 December 2025

114980 Xylene cyanol (C.I. 42135)

	Specifications
Appearance	
- Red to brownish	conforms
- Crystalline powder	conforms
Dye content	≥ 75,0 %
Solubility (1% H ₂ O)	
- Dark blue clear solution	conforms
Wavelength of maximum absorption	612 - 618 nm
Absorbance (λ_{max} , 5.0 mg/L in water)	≥ 0,63
Extinction coefficient	≥ 65000
Loss on drying (105°C)	≤ 6,0 %