

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Evans blue

Molecular Formula	: C ₃₄ H ₂₄ N ₆ Na ₄ O ₁₄ S ₄
Molecular Weight	: 960.81
CAS No.	: 314-13-6
Colour Index No.	: 23860
Shelf Life	: 5 years

Technical Specification

Appearance	: Dark brown to black crystals or powder
Solubility	: 20 ppm in water yields clear solution
Absorption maxima 1	: 310 - 320 nm (20 ppm in water)
Absorption maxima 2	: 605 - 616 nm (20 ppm in water)
specific absorbance	: ≥ 550 (c = 20 ppm in water at 605 - 616 nm, on dried substance)
Loss on drying (at 110°C, 2 hrs.)	: $\leq 12.00\%$