



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Evans blue**

Molecular Formula	: C <sub>34</sub> H <sub>24</sub> N <sub>6</sub> Na <sub>4</sub> O <sub>14</sub> S <sub>4</sub>
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	: $\geq 550$ (c = 20 ppm in water at 605 - 616 nm, on dried substance)
Loss on drying (at 110°C, 2 hrs.)	: $\leq 12.00\%$