

Specification Sheet

Product Name: **Reactive Orange 16**
Specifications & Purity: Dye content $\geq 70\%$
SKU #: **R348553**

Parameter	Limit Values
Appearance (R348553)	Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange Powder
Extinction Coefficient(λ :491 - 497 nm , c = 0.01g/L Water)	≥ 11000
Extinction Coefficient(λ :385 - 391nm)	≥ 6000
Extinction Coefficient(λ :294 - 300nm)	≥ 11000
Extinction Coefficient(λ :251 - 257nm)	≥ 13000
Purity(HPLC)	70-100 (%)
Proton NMR spectrum	Conforms to structure