

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 38572

**Product** **Acid red 52**  
Acid red  
Sulforhodamine B

**CAS Number** 3520-42-1

**Molecular Formula** C<sub>27</sub>H<sub>29</sub>N<sub>2</sub>NaO<sub>7</sub>S<sub>2</sub>

**Molecular Weight** 580.65

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**Appearance** Red to dark blue to black powder to crystal

**Solubility** Soluble in alcohol

**Infrared Spectrum** Conforms to structure

**Purity by HPLC** ≥ 98%

**Grade** CI 45100

**Storage** Store at RT

**Additional Information** Absorbance(E<sup>1</sup>%1cm) = ≥ 1,800(1.5g/L AcONH<sub>4</sub> sol., λ<sub>max</sub> = 564 - 568 nm)

**For Laboratory Use Only**