

## **Alizarin**

Art. ID TRC-A536600-500MG  
Unit 500 mg  
Deliverydetails No Dangerous Good /not restricted

### **Description**

Category: Aromatics, Inhibitors, Pharmaceuticals, Intermediates and Fine Chemicals /// Application Notes: Alizarin is used widely as a prominent red dye for textile fabrics. Alizarin red is now used in biochemical assay to determine quantitatively by colorimetry, the presence of calcific deposition by cells of the osteogenic lineage. Alzarine derivatives was evaluated as new inhibitors of the HIV-1 reverse transcriptase associated DNA polymerase and RNase H. Alizarin was also shown to inhibit proliferation, tumor growth and suppress tumorigenesis in human osteosarcoma and breast cancer cell representative for bone metastasis. /// References: Yuan, H.S., et al.: Mycol., 3, 100 (2012)| Esposito, F. et al.: FEBS. J., 278, 1444 (2011)| Fotia, Caterina, J. Orthop. Rsch. 30, 1486 (2012)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Alizarin	[72-48-0]				