

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01794
<b>Lot Number</b>	002126-32
<b>Product</b>	<b>Oil Red O</b> 1-[(4-{Xylylazo}xylyl)azo]-2-naphthol
<b>CAS Number</b>	1320-06-5
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>24</sub> N <sub>4</sub> O
<b>Molecular Weight</b>	408.51

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<b>Appearance</b>	Dark red powder
<b>Solubility</b>	Clear, dark red solution (1 mg/mL of Ethanol:Chloroform, 1:1)
<b>Biological staining</b>	Biological stain commission : Passes test
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	2% (105 °C, 1h)
<b>Dye content</b>	100%
<b>Grade</b>	Certified
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Spectroscopy : Peak 521 nm, ratio 0.99 at 506/536 nm. Density at peak 0.584 au
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**