

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 22807
Lot Number 000331-30062
Product **Congo Red**

Direct Red 28

C.I. 22120

CAS Number 573-58-0
Molecular Formula $C_{32}H_{22}N_6O_6S_2 \cdot 2Na$
Molecular Weight 696.67

Appearance Red powder
Clarity & Color Passes test
Solubility Soluble in water; moderately soluble in methyl Cellosolve, and ethylene glycol; very slightly soluble in ethanol
UV Ratios Peak 497 nm, ratio 0.99 @ 482/512
Visual Transition Range pH 3.0 (blue) to pH 5.2 (red)
Loss on Drying 2.78% (105 °C, 1h)
Dye content 85%
Grade ACS reagent
Application pH indicator; nitrogen analysis.
Storage Store at RT
Remarks 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