

Certificate of Analysis

Date of Testing: 2023-06-03 15:20:33

Date of Next Testing: 2027-06-02 15:20:33

Product Name: **Ponceau 2R**

CAS Number: 3761-53-3

Specifications & Purity:

Lot #: E23261009

SKU #: **P104989**

Analysis: **219170**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5.8 (%)	5.15 %
Dye Content	60-100 (%)	94.92 %
Loss on drying	0-12 (%)	4.75 %
λ max(H ₂ O)	504-508 (nm)	507.00 nm
Absorbance(E1%1cm)(H ₂ O, 504.0 to 508.0 nm)(calcd.on dried)	≥490	491.01
Appearance (P104989)	red powder	red powder
Solubility in H ₂ O , Red,Clear,100 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager