

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB0819	
<b>Compound name</b>	Ponceau S	
<b>Chemical name</b>	3-Hydroxy-4-[2-[2-sulfo-4-[2-(4-sulfophenyl)diazenyl]phenyl]diazenyl]-2,7-naphthalenedisulfonic acid tetrasodium salt	
<b>Batch number</b>	E1045-1-1	
<b>Batch molecular formula</b>	$C_{22}H_{12}N_4O_{13}S_4Na_4$	
<b>Batch molecular weight</b>	760.57	
Method	QC requirement	QC Result
<b>Dye content by UV absorbance</b>	>85%	Meets specification: 90%
<b>Physical appearance</b>	Yellow to brown solid	Meets specification: Brown solid
<b>Solubility</b>	Soluble in water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

23-04-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.