

Department: Quality Control

Document No: LCPL/QSD/QAD/11

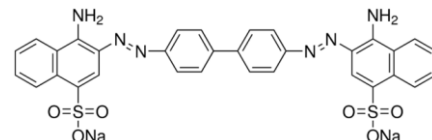
SOP No.: DB/SOP/QC/11-C077

SPECIFICATION : CONGO RED

Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	$C_{32}H_{22}N_6Na_2O_6S_2$
2	Product code	C077
3	Molecular weight	696.66
4	CAS No	573-58-0
5	Risk Statement No	45-63
6	Safety Statement No	45-53
7	UN No.	



PACKING DETAILS

	Product code	Pack size
1	C07705	25g
	C07707	100g
	C07711	1Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Brownish red powder.
2	Clarity	Solution of 0.1 g in 100 mL water is clear.
3	pH range 3.0 – 5.2 (blue violet to orange red)	Passes test
4	Absorption maxima at pH 3.0	Between 563nm and 568 nm
5	Absorption maxima at pH 5.2	Between 490 and 500 nm
6	Loss on drying	Not more than 10.0%

SAFETY SYMBOLS



Health hazard