

Certificate of Analysis

Product Name: CONGO RED
Dye content \geq 35 %
Product Number: C6767
Batch Number: BCBV3890
Brand: Sigma
CAS Number: 573-58-0
Formula: $C_{32}H_{22}N_6Na_2O_6S_2$
Formula Weight: 696.66
Quality Release Date: 16 JUN 2017

TEST	SPECIFICATION	RESULT
SOLUBILITY (COLOR)	BROWN TO VERY DARK BROWN AND RED TO VERY DARK RED AND RED-BROWN AND VERY DARK RED-BROWN	VERY DARK RED
SOLUBILITY (TURBIDITY)	CLEAR TO HAZY	HAZY
SOLUBILITY (METHOD)	1 MG/ML, H ₂ O	1 MG/ML, H ₂ O
NITROGEN CONTENT	4.2 - 12.1	9.5 %
DYE CONTENT	\geq 35 %	78.8 % (CALCULATED FROM NITROGEN CONTENT)



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Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.