



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	LITHOL SCARLET RED
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	$C_{40}H_{26}N_4O_8S_2 \cdot 1/2Ba$
COLOR INDEX NAME	PIGMENT RED 49:1(15630:1)
CAS NO.	1103-38-4
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	7.7-8.7
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY RED POWDER
SPECIFIC GRAVITY	1.80g/cm <sup>3</sup>
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	5
HEAT FASTNESS	160℃
WATER RESISTANCE	3
OIL RESISTANCE	4
ACID RESISTANCE	5
ALKALI RESISTANCE	4
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Bluish shade, high glossy, high tinting strength, low viscosity.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for water-based ink.</b>	
<b><u>NOTE</u></b>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	