



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	LAKE RED CW
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C ₂₀ H ₁₃ N ₂₀ O ₄ S ₁ /2Ba
COLOR INDEX NAME	PIGMENT RED 53:1(15585:1)
CAS NO.	5160-02-1
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	7.0-8.0
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 ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105℃	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6
HEAT FASTNESS	160℃
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Yellowish shade, high glossy, high tinting strength.	
<u>APPLICATION</u>	
It's mainly used for water-based ink.	
<u>NOTE</u>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	