

# CERTIFICATE OF ANALYSIS



**DYECHEM PVT. LTD.**

A/44 & A/45, Road No.2, M.I.D.C., Andheri(E), Mumbai-400093,India  
Tel No.:-91-22-40773100 (Hunting Line), Fax No.:-91-22-28302531/28302532  
Email:- roha.india@rohagroup.com, Website:-www.roha.com

INSP NO. : 100000118821  
PRODUCT NO. : EOL04LRPD5BA01000  
PRODUCT NAME : IDACOL Lake Erythrosine  
EEC NO. : E 127  
C.I. NO./CAS NO. : 45430:1/12227-78-0

SUPPLIED/SHIP TO : 40001276 (JAYTEX)  
GENERIC NAME : PIGMENT RED 172

ORDER NO/DATE : 20021729 /13.10.2016  
INVOICE NO. : 3108  
LOT NO. : RP16100034  
SR. NO. : 1005387706-1005387735  
EINECS NO. : 235-440-4  
DATE OF MFG. : 19.10.2016  
EXPIRY DATE : 18.10.2021

Characteristic	Specification	Unit	Test Result
Identification UV-VIS spectrum similar	Complies o Std		Complies
Physical Appearance	Amorphous Fine Reddish Pink Powder		Complies
Dye Content	12.000-17.000	%	14.590
Loss on Drying at 110°C	(Max)20.000	%	12.680
Soluble Chloride & Sulfate (As Sodium Salt)	(Max)2.000	%	< 2.000
Bulk Density	0.200-0.500	g/ml	0.320
Solubility in water & in organic solvent	Insoluble		Insoluble
Insoluble in NaOH	(Max)0.500	%	< 0.500
Ether Extractable Matter	(Max)0.200	%	< 0.200
Free Dye Content	(Max)0.400	%	0.013
pH of 2% Slurry	3.800-5.800		4.490
Lead (as Pb)	(Max)2.000	mg/kg	< 2.000

Place : Roha / RDC/QAD/QR-001

ISSUED BY ROHA DYECHEM PVT. LTD.

Date : 04.01.2017

Q.A MANAGER

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Arsenic (as As)	(Max)1.000	mg/kg	< 1.000
Mercury (as Hg)	(Max)1.000	mg/kg	< 1.000
Shade	Ok		Ok
Cadmium (as Cd)	(Max)1.000	mg/kg	< 1.000
Heavy Metals	(Max)10.000	mg/kg	< 10.000
Particle Size micron	(Max)50.000		< 50.000
Aluminium ( As AL)	28.000-32.000	%	30.000

**Quantity:** 30 KG **Packaging:** 30.000 X 1.000 KG Jar

**Shipping, Handling & Storage:** Shipping and handling of the product has been under such conditions that prevent contamination and will protect against undesirable deterioration of the product and the container. Product shall be placed in tightly sealed container/bag and stored at ambient warehouse conditions, carefully protected from exposure to light, heat, air, moisture, foreign odour and other contaminants.

**Remark :** THE PRODUCT COMPLIES AS PER EU COMMISSION DIRECTIVE 2012/231/EC SPECIFICATIONS.

The compliance to the above mentioned specification can be verified using respective methods of analysis.

**Disclaimer :** Above information is correct at the time of issue but may be subject to alteration. The information on the specification remains the property of ROHA Group (JJT Group companies). Information is correct to the best of our knowledge and it should not be construed as warranty. Users should conduct their own tests to determine the suitability of this product/data for this purpose. Users must satisfy themselves suitability of product, ingredients in accordance with regulations applicable and suitability of product in end application. Roha Group (JJT Group Companies) shall not be liable for any claims or losses of any nature arising directly or indirectly from use of the information, data or other material on this document.

Place : Roha / RDC/QAD/QR-001

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