



CERTIFICATE OF ANALYSIS

INSP NO. : 100000108844	ORDER NO/DATE : 50006559 / 18.04.2016
PRODUCT NO. : AND03SRPD3BA25000	INVOICE NO. : 2016000093 / 30.04.2016
PRODUCT NAME : IDACOL Amaranth	LOT NO. : RP16040281
EEC NO. : E 123	SR. NO. : 1004847549-1004847566
C.I. NO./CAS NO. : 16185915-67-3	EINECS NO. : 213-022-2
SUPPLIED/SHIP TO : 50000528 (EH032)	DATE OF MFG. : 28.04.2016
GENERIC NAME : ACID RED 27, FOOD RED 9, BORDEAUX, RED 2	EXPIRY DATE : 27.04.2018

Characteristic	Specification	Unit	Test Result
Identification	Max.In Water At 520 Nm		Complies
Physical Appearance	Reddish Brown Powder		Complies
Total Color / Assay	85,000-100,000	%	85,800
Loss on drying at 135°C & chloride & sulphates expressed as sodium salt	0,000-15,000	%	14,230
Water Insoluble Matter	0,000-0,200	%	0,016
Ether Extractable Matter	0,000-0,200	%	< 0,200
Subsidiary Colouring Matters	0,000-3,000	%	< 3,000
Organic compounds other than colouring matters: %			
4-Aminonaphthalene-1-Sulfonic Acid %			
3-Hydroxy Naphthalene-2,7-Disulfonic Acid %			
6-Hydroxynaphthalene-2-Disulfonic Acid %			
7-Hydroxynaphthalene-1,3-Disulfonic Acid %			
7-Hydroxynaphthalene-1,3,6-Trisulfonic Acid	0,000-0,500	%	< 0,500
Unsubstituted Primary Aromatic Amine (calculated As Aniline)	0,000-0,010	%	< 0,010
Lead (as Pb)	0,000-2,000	mg/kg	< 2,000
Arsenic (as As)	0,000-3,000	mg/kg	< 1,000
Mercury (as Hg)	0,000-1,000	mg/kg	< 1,000
Cadmium (as Cd)	0,000-1,000	mg/kg	< 1,000