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## CERTIFICATE OF ANALYSIS

### Material - Information

Insp. Lot No.	100000138698	Analysis Date	18.10.2017
		Batch No.	RP17101526
Product Des.	<b>IDACOL Sunset Yellow</b>		
Date of MFG	18.10.2017	Date of EXP	17.10.2022
EEC No.	E 110	CAS No.	2783-94-0
EINECS No.	220-491-7	C.I. No.	15985

Characteristics	Specification	UOM	Result
Physical Appearance	Orange Red Powder		Complies
Identification	Maximum In Water At 485 nm		Complies
Total Color / Assay	85.000-91.000	%(m)	89.420
Loss on drying at 135°C & chloride & sulphates expressed as sodium salt	0.000-15.000	%(m)	10.540
Ether Extractable Matter	0.000-0.200	%(m)	< 0.200
Subsidiary Colouring Matters	0.000-5.000	%(m)	< 5.000
Organic compounds other than colouring matters: % 4-Aminobenzene-1- Sulfonic Acid % 3-Hydroxynaphthalene-2,7-Disulfonic Acid % 6-Hydroxynaphthalene-2-Sulfonic Acid % 7-Hydroxynaphthalene-1,3-Disulfonic Acid % 4,4'-Diazoaminodi(Benzenesulfonic Acid)% 6,6'-Oxydi(Naphthalene-2-Sulfonic Acid)	0.000-0.500	%(m)	< 0.500
Unsulphonated Primary Aromatic Amine (calculated As Aniline)	0.000-0.010	%(m)	< 0.010
1-(Phenylazo)-2-Naphthalenol(Sudan I)	0.000-0.500	mg/kg	< 0.500
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
Heavy Metals (as Pb)	0.000-40.000	mg/kg	< 40.000
Water Insoluble Matter	0.000-0.200	%(m)	0.024

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

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