



Shivaay Chemical Industries

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Basement Shop 1180, Juna Madhupura, Nr Mahajan Clinic, Delhi Darwaja, Ahmedabad 380004.

Contact Us : 999 808 2797 / 999 808 2540 **Email :** sales@shivaaychemicalindustries.com

SPECIFICATION OF SUNSET YELLOW

Classification: -

1)	Color Index No	15985
2)	EEC No.	E110
3)	FD & C No	Yellow 6
4)	CI Name	Food Yellow 3, Orange Yellow S
5)	Class	Mono Azo
6)	EINECS	220-491-7
7)	CAS No.	2783-94-0

Specification: -

No	Characteristic	Limit
1)	Color Description	Orange Red Powder
2)	Shade	
3)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	85.00
4)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max.	13.00
5)	Water-insoluble matter, percent by mass, Max.	00.20
6)	Combined ether extracts, percent by mass, Max.	00.20
7)	Subsidiary dyes, percent by mass, Max.	03.00
8)	Dye intermediates, percent by mass, max.	00.50
9)	Un sulfonated primary aromatic amine (calculated as aniline) Percent by mass, max.	00.01
10)	Lead, mg/kg, Max.	10.00
11)	Arsenic, mg/kg, Max.	01.00
12)	Heavy metals, (as pb) mg/kg, max	40.00
13)	Mercury, mg/kg, Max.	01.00
14)	Chromium, mg/kg, Max.	05.00
15)	Cadmium, mg/kg, Max.	01.00

Solubility At Room Temperature

1)	Water (gm/ltr)	120.00
2)	Glycerin (gm/ltr)	160.00
3)	Propylene Glycon (gm/ltr)	20.00
4)	Ethanol (95%) (gm/ltr)	Trace

Stability To



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1)	Acids	Excellent
2)	Neutral	Excellent
3)	Alkaline	Better
4)	Baking 205°C (400oF)	Best
5)	Light	Better
6)	Heat	Best