



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 RED 2G

Classification: -

1)	Color Index No	18050
2)	EEC No.	E128
3)	FD & C No	- -
4)	C.I Name	Food Red 10, Azogeranine
5)	Class	Monoazo
6)	EINECS	223-098-9
7)	CAS No.	3734-67-6

Specification: -

No	Characteristic	Limit
1)	Color Description	Red Powder
2)	Shade	
3)	Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min.	80.00
4)	Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max.	15.00
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.	02.00
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.	03.00
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)	180.00
2)	Glycerin (gm/ltr)	10.00
3)	Propylene Glycon (gm/ltr)	30.00
4)	Ethanol (95%) (gm/ltr)	Trace

Stability To



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