



PROMETHEA TECHSYNTH PRIVATE LIMITED

5TH FLOOR, A-506, PRIVILION, B/H ISCON TEMPLE, AMBLI-BOPAL ROAD,
S.G. HIGHWAY, AHMEDABAD -380 054, GUJARAT

Email id: promethea.ts@gmail.com CIN U24299GJ2020PTC117548 (M) 9712001000
9998082540

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)	Unsulphonated 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