



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 ALLURA RED AC

Classification: -

1)	Color Index No	16035
2)	EEC No.	E129
3)	FD & C No	Red 40
4)	C.I Name	Food Red 17
5)	Class	Monoazo
6)	EINECS	247-368-0
7)	CAS No.	25956-17-6

Specification: -

Sr.	Characteristic	Limit
1)	Color Description	Dark 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.	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	03.00
8)	Dyes Intermediates, percent by mass, max.	01.50
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.	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)	220.00
2)	Glycerin (gm/ltr)	30.00
3)	Propylene Glycon (gm/ltr)	15.00
4)	Ethanol (95%) (gm/ltr)	Trace

Stability To: -

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