



SPECIFICATION OF VIBFAST LAKE CHOCOLATE BROWN HT

Classification: -

1)	C.I. NO.	20285: 1
2)	C.I.	Aluminum Lake of Food Brown 3
3)	CAS NO.	4553-89-3
4)	EINECS NO.	224-924-0

No.	Characteristic	Limits		
1)	Shade			
	Description			
2)	Total Dye content on AS IS Basis	11 - 20%	21 – 30%	31 – 42%
3)	Total Dye Content on Dry Basis	11 -20%	21 – 30%	31 – 42%
4)	Moisture at 110°C for 2 Hours	18% Max	18% Max	18% Max
5)	PH of 2% slurry	3.7 – 5.0	3.7 – 5.0	3.7 – 5.0
	HCL Insoluble matter	<0.5%	<0.5%	<0.5%
	Ether extractable matter	<0.2%	<0.2%	<0.2%
6)	Bleeding for Free Dye Content	0.4% Max	0.4% Max	0.4% Max
7)	Sieve Analysis by 325 mesh	85% Min	85% Min	85% Min
8)	Bulk density (g./ml)	0.4% Max	0.4% Max	0.4% Max
9)	Lead, mg/kg, Max.	10 Max	10 Max	10 Max
10)	Arsenic, mg/kg, Max.	3 Max	3 Max	3 Max
11)	Heavy metals mg/kg, max.	20 Max	20 Max	20 Max
12)	Mercury mg./kg	1 Max	1 Max	1 Max
13)	Cadmium mg./kg	1 Max	1 Max	1 Max

Dye content of $\pm 1\%$ is consistently maintained in Alluminium Lake Pigments from 11% to 42% strength