



# VIBFAST PIGMENTS PVT LTD.,



C-1, 91/6, Phase 1, G.I.D.C., B/h. Bank of India,  
 Vatva, Ahmedabad-382 445, INDIA  
 Phone : 0091-79-32920774, 0091-79-64501424 Fax : 0091-79-25893014

E-Mail : amit@vibfast.com  
 amit@vibgyorchemtex.com  
 Website : www.vibgyorchemtex.com / www.vibfast.com

## SPECIFICATION OF VIBFAST LAKE QUINOLINE YELLOW

### Classification: -

|    |            |                                 |
|----|------------|---------------------------------|
| 1) | C.I. NO.   | 47005:1                         |
| 2) | C.I.       | Pigment Yellow # 115            |
| 3) | CAS NO.    | 8004-92-0                       |
| 4) | EINECS NO. | 303-897-5                       |
| 5) | D&C        | Yellow 10                       |
| 6) | FD & C     | Food Yellow #13 - Aluminum Lake |

| No. | Characteristic                   | Limits    |           |           |
|-----|----------------------------------|-----------|-----------|-----------|
|     |                                  |           |           |           |
| 1)  | Shade                            |           |           |           |
|     | Description                      |           |           |           |
| 2)  | Total Dye content on AS IS Basis | 15 - 20%  | 21 – 30%  | 31 – 42%  |
| 3)  | Total Dye Content on Dry Basis   | 15 -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 |
| 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