



VIBFAST PIGMENTS PVT. LTD.



C-1, 91/6, Phase I, B/h. Bank of India,
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SPECIFICATION OF VIBFAST LAKE ALLURA RED AC

Classification: -

| | | |
|----|------------|------------------------------|
| 1) | C.I. NO. | 16035: 1 |
| 2) | C.I. | Aluminum Lake of Food Red 17 |
| 3) | CAS NO. | 25956-17-6 |
| 4) | EINECS NO. | 247-368-0 (Parent Colour) |
| 5) | FD & C | Red # 40 -Alluminium Lake |

Specification: -

| 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 |
| 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