



## SPECIFICATION OF VIBFAST 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.<br>Percent by Mass, min.                           | 80.00      |
| 4)  | Loss on drying at 135°C, Percent by mass and chlorides &<br>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)<br>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

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