



SPECIFICATION OF VIBFAST PONCEAU 4R

Classification: -

| | | |
|----|----------------|-------------------------|
| 1) | Color Index No | 16255 |
| 2) | EEC No. | E 124 |
| 3) | FD & C No | - - |
| 4) | C.I Name | Food Red 7, New Coccine |
| 5) | Class | Mono Azo |
| 6) | EINECS | 220-036-2 |
| 7) | CAS No. | 2611-82-7 |

Specification: -

| No. | Characteristic | Limit |
|-----|---|----------------|
| 1) | Color Description | Reddish Powder |
| 2) | Shade | |
| 3) | Total dye content, corrected for sample dried at 135°C for 3 hr. Percent by Mass, min. | 82.00 |
| 4) | Loss on drying at 135°C, Percent by mass and chlorides & Sulphates express as sodium salts, percent by mass Max. | 18.00 |
| 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. | 01.00 |
| 8) | Dye intermediates, percent by mass, max. | 00.50 |
| 9) | Un sulfonated 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) | 140.00 |
| 2) | Glycerin (gm/ltr) | 10.00 |
| 3) | Propylene Glycon (gm/ltr) | 50.00 |
| 4) | Ethanol (95%) (gm/ltr) | Trace |

Stability To

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