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|-------------------|--|
| Item Number       | DC200  |
| Item              | D and C Yellow No. 10  |
| CAS Number        | 8004-92-0  |
| Molecular Formula | C <sub>18</sub> H <sub>9</sub> NO <sub>8</sub> S <sub>2</sub> Na |
| Molecular Weight  | 454.21   |
| MDL Number        |  |
| Synonyms          | Quinoline Yellow ; Acid Yellow 3 ; Food Yellow 13                |

| Test  | Specification |        |
|---|---------------|--------|
|   | Min           | Max    |
| APPEARANCE  |               |        |
| FDA LOT NUMBER  |               |        |
| TOTAL COLOR   | 85 %          |        |
| SUM OF VOLATILE MATTER AT 135 °C (275 °F) AND CHLORIDES AND SULFATES    |               |        |
| (CALCULATED AS SODIUM SALTS)  |               | 15 %   |
| MATTER INSOLUBLE IN BOTH WATER AND CHLOROFORM                           |               | 0.2 %  |
| TOTAL SULFONATED QUINALDINES, SODIUM SALTS                              |               | 0.2 %  |
| TOTAL SULFONATED PHTHALIC ACIDS, SODIUM SALTS                           |               | 0.2 %  |
| 2-(2-QUINOLINYL)-1H-INDENE-1,3 (2H)-DIONE                               |               | 4 ppm  |
| SUM OF SODIUM SALTS OF THE MONOSULFONATES OF 2-(2-QUINOLINYL)           |               |        |
| -1H-INDENE-1,3 (2H)-DIONE   | 75%           |        |
| SUM OF SODIUM SALTS OF THE DISULFONATES OF 2-(2-QUINOLINYL)             |               |        |
| -1H-INDENE-1,3 (2H)-DIONE.  |               | 15 %   |
| 2-(2,3-DIHYDRO-1,3-DIOXO-1H-INDENE-2-YL)-6, 8-QUINOLINEDISULFONIC ACID, |               |        |
| DISODIUM SALT   |               | 3 %    |
| DIETHYL ETHER SOLUBLE MATTER OTHER THAN THAT SPECIFIED                  |               | 2 ppm  |
| LEAD (Pb)   |               | 20 ppm |
| ARSENIC (As)  |               | 3 ppm  |
| MERCURY (Hg)  |               | 1 ppm  |

| Test                | Specification |     |
|---------------------|---------------|-----|
|                     | Min           | Max |
| IDENTIFICATION      | TO PASS TEST  |     |
| EXPIRATION DATE     |               |     |
| DATE OF MANUFACTURE |               |     |

***Spectrum Chemical Mfg Corp***

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|---------------------------------------|------------------------------------|
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