

### SPECIFICATION FD&C YELLOW 6

**Description :** U.S. FDA permitted synthetic food colour. Product is a free -flowing blendable powder, free from lumps or visible impurities. The product is Kosher & Halal certified.

**Classification :**    **Name :** Sunset Yellow                      **C.I. No.**        : 15985  
                                  **C.I. Name :** Food Yellow 3                      **CAS No.**       : 2783-94-0

Conforms to CFR Chapter No. 21 of the U.S. FDA.

**Analytical Specifications :**

|                                   |   |             |
|-----------------------------------|---|-------------|
| <b>Pure Dye Content</b>           | : | 87.00 % Min |
| <b>Volatile Matter &amp; Salt</b> | : | 13.00 % Max |
| <b>Water Insoluble Matter</b>     | : | 0.20 % Max  |
| <b>Dyes Intermediates</b>         |   |             |
| a) Sulphanilic Acid               | : | 0.20 % Max  |
| b) Schaffer's Salt                | : | 0.30 % Max  |
| c) Disodium Salt                  | : | 1.00 % Max  |

|                        |   |            |
|------------------------|---|------------|
| <b>Subsidiary Dyes</b> |   |            |
| a) Higher Sulphonated  | : | 5.00 % Max |
| b) Lower Sulphonated   | : | 1.00 % Max |

|                             |   |             |
|-----------------------------|---|-------------|
| <b>Total Primary Amines</b> |   |             |
| a) Aniline                  | : | 250 PPB Max |
| b) Benzidine                | : | 1 PPB Max   |
| c) 4-Aminobiphenyl          | : | 15 PPB Max  |
| d) 4-Aminoazobenzene        | : | 50 PPB Max  |

**Metals :**

|                     |   |               |
|---------------------|---|---------------|
| <b>Lead</b>         | : | 10.00 PPM Max |
| <b>Arsenic</b>      | : | 3.00 PPM Max  |
| <b>Mercury</b>      | : | 1.00 PPM Max  |
| <b>Heavy Metals</b> | : | < 40 PPM Max  |

**Storage :** Store in original container at ambient temperatures.

**Shelf Life :** 6 years from the date of manufacturing of the color.