

PRODUCT SPECIFICATION SHEET

FD&C Red 40

Product Specifications

| Test | Specification | Typical Results |
|---|----------------------|-----------------|
| Appearance | Reddish-Brown Powder | Conforms |
| Total Color | Min 85.0% | 92.02% |
| Arsenic (As) | Max 3 ppm | <1 ppm |
| Lead (Pb) | Max 10 ppm | <2 ppm |
| Disodium Salt 6,6'-Oxybis(2-Naphthalene-Sulfonic Acid) | Max 1.0% | 0.24% |
| Sum of Volatile Matter (Chlorides And Sulfates) | Max 14.0% | 5.54% |
| Water-Insoluble Matter | Max 0.2% | 0.0% |
| Higher Sulfonated Subsidiary Colors | Max 1.0% | <0.2% |
| Lower Sulfonated Subsidiary Colors | Max 1.0% | <0.2% |
| Disodium Salt of 6-Hydroxy-5(2-Methoxy-5-Methyl-4-Sulfophenyl)Azo | To Pass Test | Passes |
| 8-(2-Methoxy-5-Methyl-4-Sulfophenoxy)-2-Naphthalenesulfonic Acid | Max 1.0% | <1.0% |
| Sodium Salt of 6-Hydroxy-2-Naphthalenesulfonic Acid | Max 0.3% | 0.12% |
| 4-Amino-5-Methoxy-O-Toluenesulfonic Acid | Max 0.2% | 0.07% |
| Identification | To Pass Test | Passes |

Appropriate/legal use of this product is the responsibility of the user.

[FD&C Red 40](#)

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