



TECHNICAL DATA SHEET(TDS)

FD&C Red 40

Product Specifications (CAS# 25956-17-6)

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.

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