

Certificate of Analysis

Product: FD&C Red 40
Item Number: C3766
Grade: Lab
Lot Number: BD2172
Manufacture Date: 08/10/2024
Expiration Date: 08/09/2030
Country of Origin: United States

Tested Property	Specification	Analysis
Identification	To Pass Test	Passes
Appearance	Reddish-Brown Powder	Conforms
Total Color	Min 85.0%	92.02
Arsenic (As)	Max 3 ppm	<1
Lead (Pb)	Max 10 ppm	<2
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

[FD&C Red 40](#)

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