

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Caramel Colorant
INCI Name: Caramel
CAS Number: Not available
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Analytical Tests	Specification	Analysis
Appearance	Dark Brown Liquid	pass
pH Value	2.0 – 3.5	3.3
Specific gravity @60oF	1.19-1.33	1.25
Tinctorial Power, KO.56 (0.1% solution absorbance/cm @ 560nm)	0.11-0.115	0.112
Color Intensity (typical) (0.1% solution absorbance/cm @ 610nm)	0.05-0.10	0.06
Hue Index, s (typical , no spec)	6-8	6.3
BAUME' @ 60 F (15.56C spindle)	30-33	32
Ionic Character	Negative	Pass

The above caramel color complies with the color additive regulation defined under CFR Title 21 Sec. 73.85

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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