

# SETHNESS PRODUCTS COMPANY

## SPECIFICATION

### SETHNESS BC145 CARAMEL COLOR

#### CLASS IV – E150d

GMO STATUS: THIS PRODUCT IS GMO-FREE BY TEST (PCR NEGATIVE)  
THIS CARAMEL COLOR IS PRODUCED WITH GENETICALLY ENGINEERED COMPONENTS.

1. Description: According to Title 21 CFR Sec. 73.85 the color additive Caramel is the dark brown liquid or solid material resulting from the carefully controlled heat treatment of food-grade carbohydrates. Certain food-grade acids, alkalis and salts may be employed to assist caramelization. This product is GRAS (21 CFR 182.1235).
2. Ingredient Statement: Caramel Color, Caramel, Caramel Color (100%) or Caramel (100%)
3. Organoleptic Properties: Characteristic bitter, burnt sugar taste.

4. Chemical/Physical Properties (as manufactured):

Tinctorial Power, K <sub>0.56</sub>	0.230-0.254
Baume' @ 60°F	34.5-35.1
Specific Gravity @ 60°F	1.312-1.319
Pounds per gallon @ 60°F	10.93-10.99
pH "as is"	2.9-3.4
Color Intensity (typical)	0.135-0.155

5. Microbiological Properties: (Tested on an Audit Basis)

Standard Plate count/g, max	200
Yeast/g, max	10
Mold/g, max	10
E. coli/g (MPN)	< 3
Salmonella/25 g	negative

6. Packaging: 4x1 gal/case, 5 gal. containers, 55 gal. drums and bulk.
7. Storage Conditions: Cool and dry environment, preferably not to exceed 90°F. Product should not be allowed to freeze.
8. Shelf-life: Two years minimum: Good Manufacturing Practice - maintain inventory stocks no longer than one year.

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Skokie, IL Phone #847/329-2080 Toll Free #888/772-1880 mail@sethness.com	Clinton, IA Phone #563/243-3943 clinton@sethness.com	Avenel, NJ Phone #732/634-2161 Avenel@sethness.com