

# SETHNESS PRODUCTS COMPANY

SPECIFICATION  
SETHNESS HPH400 CARAMEL COLOR  
CLASS IV – E150d

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>	0.240-0.300
Baume' @ 60°F	29.0-30.5
Specific Gravity @ 60°F	1.250-1.266
Pounds per gallon @ 60°F	10.41-10.55
pH "as is"	9.0-10.5
Color Intensity (typical)	0.138-0.178

5. Microbiological Properties:

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.

HPH400 SPEC 005/LAB/LIQ	PAGE 1 OF 1	Authorized by DLT
Lincolnwood, 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