

# SETHNESS PRODUCTS COMPANY

SPECIFICATION  
SETHNESS P340 CARAMEL COLOR  
CLASS III – E150c

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> | 0.323-0.357 |
| Baume' @ 60°F                       | 33.7-34.3   |
| Specific Gravity @ 60°F             | 1.303-1.310 |
| Pounds per gallon @ 60°F            | 10.85-10.91 |
| pH "as is"                          | 4.4-4.8     |
| Color Intensity (typical)           | 0.176-0.200 |

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.

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| P340 SPEC 007/LAB/LIQ   | PAGE 1 OF 1   | Authorized by DLT                                     |
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