

# SETHNESS PRODUCTS COMPANY

## LF035

### POWDERED CARAMEL COLOR

#### CLASS IV – E150d

### TENTATIVE SPECIFICATION

<b>Description</b>	According to Title 21 CFR 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).		
<b>Ingredient Statement</b>	Caramel Color, Caramel, Caramel Color (100%) or Caramel (100%)		
<b>Organoleptic Properties</b>	Characteristic bitter, burnt sugar taste.		
<b>GMO Status</b>	This product is GMO-free by test (PCR negative). This Caramel Color is produced with genetically engineered components.		
<b>Chemical/Physical Properties (as manufactured)</b>	<b>Property</b>	<b>Range</b>	
	Tinctorial Power, K <sub>0.56</sub> (560nm)	0.030-0.040	
	pH, 1% w/v solution	4.0-5.0	
	Moisture, % max.	5.0	
	Particle size, % through #100 U.S. Standard Sieve, min.	90	
	Color Intensity (typical) (610nm)	0.017-0.027	
	4-Methylimidazole (4-MeI), ppm	<15	
<b>Microbiological Properties</b>	<b>Test</b>	<b>Unit</b>	<b>Limit</b>
	Aerobic Plate Count (APC)	cfu/g, max.	1000
	Yeast	cfu/g, max.	20
	Mold	cfu/g, max.	20
	E. coli	MPN/g	<3
	Salmonella	cfu/375 g	Negative
<b>Packaging</b>	50 pound cartons		
<b>Storage Conditions</b>	The product should be stored in tightly closed containers in a cool and dry environment, preferably not to exceed 90°F.		
<b>Shelf-life</b>	Eighteen month minimum		
<b>Good Manufacturing Practice</b>	Rotate inventory and maintain stock no longer than six months.		

Please see corresponding Nutritional document for additional information.

LF035 SPEC 005/LAB/PWDR	PAGE 1 OF 1	Authorized by JME
1347 Beaver Channel Parkway, Clinton, IA 52732	Original: 07/10/18	Revised: 09/10/19

NOTE: Once this document is copied, printed, emailed, downloaded, or modified in any way from what is stated on its' docsign sheet, it becomes UNCONTROLLED. For the current Controlled Document or assistance contact [lab@sethness.com](mailto:lab@sethness.com) or [www.sethness.com](http://www.sethness.com) or call 888-772-1880.