

SETHNESS PRODUCTS COMPANY

GENETICALLY ENGINEERED (GMO STATEMENT)

Caramel Color manufactured from corn syrups are derived from Genetically Engineered (GE) plants (GMO), but do not contain any genetic material. Cane syrup products are not derived from GE plants (Non-GMO). Sethness Products Company (SPC) uses high quality food grade raw materials for the production of all our Liquid and Powdered Caramel Colors.

Carbohydrate Source	Non-GMO	Derived from GE plants	PCR Negative	GMO-free	BE labeling required
Highly Refined Corn Syrups	No	Yes	Yes	Yes	No
Cane Syrups	Yes	No	N/A	N/A	No

Sethness Caramel Colors manufactured from highly refined corn syrups do not contain genetic material, because HDCS and HFCS are refined only from the starch fraction of corn, which does not contain any genetic material. Corn Syrups are tested on an annual basis and the results have always been PCR Negative, indicating that they do not contain any genetic material. Given the purity of our raw materials and our stringent processing conditions, Sethness Products Company can state with confidence that our Liquid and Powdered Caramel Colors are free of any genetically engineered material. These products would be considered “GMO-Free” by test, or derived from GE corn but does not contain GE material. Therefore, BE labeling is not required for the NBFDS. Test results are available upon request.

European Union (EU) regulations do not take into account that there is no GE material in the highly refined corn syrups used for Caramel Color (E150) production. Therefore, these Caramel Colors are considered to be “derived from GMO (or GE) material” according to the present interpretation of 1829/2003/EC and 1830/2003/EC and would have to be labeled as GMO in the EU.

SPC also manufactures Non-GMO Project verified products, which are derived from Cane Sugar (Sucrose). Current products meeting these requirements are: CS1, CS5, CS30, P285, SB121, SSC300, SBDS, SBL4, SB245, SBL702, OC114, and OC234. For more information on the Non-GMO Project, please visit www.nongmoproject.org.

The FDA provides guidance for labeling:

www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm059098.htm

BE = Bioengineered

GE = Genetically Engineered

GMO = Genetically Modified Organism

HDCS = High Dextrose Corn Syrup (aka Greens)

HFCS = High Fructose Corn Syrup

NBFDS = National Bioengineered Food Disclosure Standard

PCR = Polymerase Chain Reaction

GMO STATEMENT 009/LAB/STMT	PAGE 1 OF 1	Authorized by JME
1347 Beaver Channel Parkway, Clinton, IA 52732	Original: 08/25/03	Revised: 03/18/19

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 or www.sethness.com or call 888-772-1880.