



Industrial Specification

ANALYSIS DATE: 02/12/2021

D-45 Candi Syrup™

CSI CONFECTIONS, LLC

232 JOHN CROTTS RD.
MOCKSVILLE, NC 27028

DESCRIPTION: *Candi Syrup* is a sugar adjunct utilized by the brewing industry. D-45 Candi Syrup™ is a confectionary syrup derived from non-GMO beet and/or cane sugar. It is heated over a 24 hour period and cooled in a single iteration to develop flavor and color characteristics. No additives, preservatives, or stabilizers are used in its production.

Physical Analysis

Miscibility in H₂O:	100% at 212°F (no agitation)
Viscosity:	1800cp at 70°F
Color:	28-30 SRM
PPG/Brix:	1.032 / 70.5°Bx (at 70°F)
H₂O by Weight:	29.5%
Storage:	Store at 75°F - Chilling or refrigeration will initiate crystallization
pH	5.2

Chemical Analysis

Calcium:	< 01 ppm
Chloride:	< 01 ppm
Magnesium:	< 02 ppm
Iron:	< 01 ppm
Potassium:	< 02 ppm
Sodium:	< 01 ppm
Sulfates:	< 01 ppm
Fluorine:	< 01 ppm
Phosphorus:	< 01 ppm
Maximum Yield:	99.36%
HPLC Analysis:	(Ratios: Fructose 52%, Glucose 48%)
Ash Content:	0.64% (+caramels produced thermally)

M.B.P. Analysis

Wild yeasts/moulds:	< 01 / 1g
Bacteriological:	< 01 / 1g