Product Specification Sheet

1. Product Description

Product Name:	Sucralose — Bulk Food Grade
Chemical / Common Name:	Sucralose
Synonyms:	E955, 1,6-dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-α-D-galactopyranoside
Ingredient Statement:	Sucralose
Molecular Formula / Weight:	C12H19Cl3O8 / 397.63 g/mol
CAS No. / HS Code:	56038-13-2 / 2932.14
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☒ USP / FCC
Country of Origin:	China
Description:	White crystalline powder; non-nutritive high-intensity sweetener for beverages, dairy products and baked goods.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Appearance	White powder	Visual
Odour & Taste	No objectionable aroma or taste	Organoleptic
Assay, dry basis (%)	98 – 102	FCC / USP
Specific Rotation (°)	+84.0 to +87.5	FCC / USP
Water (%)	≤ 2.0	FCC / USP
Ash (%)	≤ 0.7	FCC / USP
Methanol (%)	≤ 0.10	FCC / USP
Chlorinated Monosaccharides (%)	≤ 0.1	FCC / USP
Other Chlorinated Disaccharides (%)	≤ 0.5	FCC / USP

3. Contaminants

Parameter	Specification	Method
Lead (Pb) (mg/kg)	≤ 1.0	FCC
Arsenic (As) (mg/kg)	≤ 1.0	GB 5009.11

4. Microbiological Characteristics

Parameter	Specification	Method
Mesophilic Bacteria (CFU/g)	≤ 250	GB 4789.2
Yeast & Mould (CFU/g)	≤ 50	GB 4789.15

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☒ No	☐ Yes ☐ No
Tree nuts	☐ Yes ☒ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☒ No	☐ Yes ☐ No
Milk	☐ Yes ☒ No	☐ Yes ☐ No
Eggs	☐ Yes ☒ No	☐ Yes ☐ No

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Fish	☐ Yes ☒ No	☐ Yes ☐ No
Crustaceans & molluscs	☐ Yes ☒ No	☐ Yes ☐ No
Soy	☐ Yes ☒ No	☐ Yes ☐ No
Wheat & triticale	☐ Yes ☒ No	☐ Yes ☐ No
Gluten (barley, oats, rye)	☐ Yes ☒ No	☐ Yes ☐ No
Mustard	☐ Yes ☒ No	☐ Yes ☐ No
Sulphites (≥ 10 ppm)	☐ Yes ☒ No	☐ Yes ☐ No

6. Regulatory Status

GMO Status:	☒ Non-GMO ☐ Contains GMO ☐ Not applicable
Irradiation:	☐ Not irradiated ☐ Irradiated
Certifications:	☐ Kosher ☐ Halal ☐ Organic ☐ Vegan ☐ Other: _____
BSE / TSE Statement:	Not of animal origin. Free from BSE/TSE risk.
Standard of Quality:	Complies with FCC, USP/NF and JECFA specifications (E955). Food additive 21 CFR 172.831.

7. Packaging, Storage & Shelf Life

Uses:	High-intensity sweetener for beverages, dairy products, baked goods and tabletop sweeteners.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Store in a tightly sealed container in a cool, dry place away from sunlight, between 5 °C and 30 °C.
Shelf Life:	3 years from date of manufacture.
Lot Code Format:	YYYYMMDDNN (repack date + sequence), traceable to the manufacturer lot.

8. Quality Assurance Review

Reviewed By (QA): LiquidShop Quality Assurance **Review Date:** 2026-10-08

This document was prepared electronically and reviewed by LiquidShop Quality Assurance. It is valid without a signature.

The information contained in this document is accurate to the best of our knowledge. It is the responsibility of the user to ensure the product is suitable for its intended application and complies with applicable regulations.