Product Specification Sheet

1. Product Description

Product Name:	Potassium Sorbate — Bulk Food Grade
Chemical / Common Name:	Potassium sorbate
Synonyms:	Potassium (E,E)-hexa-2,4-dienoate, sorbic acid potassium salt, E202
Ingredient Statement:	Potassium sorbate
Molecular Formula / Weight:	C6H7KO2 / 150.22 g/mol
CAS No. / HS Code:	24634-61-5 / 2916.19
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☒ USP / FCC
Country of Origin:	China
Description:	Potassium sorbate FCC, granular form, with a slight characteristic odour.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Odour	Slight characteristic odour	Organoleptic
Heat Stability	No change in colour after heating for 90 minutes at 105 °C	FCC
Identification	Potassium: passes; double bonds: passes; UV conforms to standard spectrum; melting point 133.0 – 135.0 °C	FCC
Assay (%)	99.0 – 101.0	FCC
Alkalinity (as K2CO3)	≤ 0.8 mL of 0.1 N hydrochloric acid	FCC
Chloride (as Cl) (%)	≤ 0.018	FCC
Sulfate (as SO4) (%)	≤ 0.020	FCC
Loss on Drying (%)	≤ 1.0	FCC
Aldehydes (as formaldehyde) (%)	≤ 0.1	FCC

3. Contaminants

Parameter	Specification	Method
Heavy Metals (as Pb) (ppm)	≤ 10	FCC
Lead (Pb) (ppm)	≤ 2	FCC
Arsenic (As) (ppm)	≤ 3	FCC
Mercury (Hg) (ppm)	≤ 1	FCC

4. Microbiological Characteristics

Parameter	Specification	Method
Aerobic Plate Count (CFU/g)	≤ 10	Plate count
Yeast & Mould (CFU/g)	≤ 10	Y&M
Coliforms (CFU/g)	≤ 10	Coliforms

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☒ No	☐ Yes ☐ No

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Tree nuts	☐ Yes ☒ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☒ No	☐ Yes ☐ No
Milk	☐ Yes ☒ No	☐ Yes ☐ No
Eggs	☐ Yes ☒ No	☐ Yes ☐ No
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:	Synthetic product, not of animal origin. Free from BSE/TSE risk.
Standard of Quality:	Meets E202 / FCC / NF 32 standards.

7. Packaging, Storage & Shelf Life

Uses:	Preservative (mould and yeast inhibitor) for beverages, baked goods, sauces, dairy and fruit preparations.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Store in a cool, dry place, protected from light. Keep container closed.
Shelf Life:	24 months from date of manufacture in original packaging.
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.