



Technical Data Sheet

Technical Data Sheet			
Product name	Lipo-Vida™ Liposomal Vitamin C70%	Trade Brand	Smarterb
AC Code	SH07017b	CAS number	50-81-7
Molecular formula	C6H8O6	Molecular weight	176.12
Solvent Used	Not provided		
Item	Standard		Method of analysis
Appearance	Off White Powder		Visual
Assay	≥70.0% Vitamin C		HPLC
Ash	≤5.0%		Eur.Ph. <2.4.16>
Loss on drying	≤10.0%		Eur.Ph.7.0 [2.8.17]
Heavy metals			
Lead (Pb)	≤2.0 ppm		ICP-MS
Cadmium (Cd)	≤1.0 ppm		ICP-MS
Mercury (Hg)	≤0.1 ppm		ICP-MS
Arsenic (As)	≤1.0 ppm		ICP-MS
Microorganism			
Total Bacterial Count	≤1000 CFU/g		USP
Total Yeast and Mold Count	≤100 CFU/g		USP
Salmonella	Negative/10g		USP
E. Coli	Negative/10g		USP
Staphylococcus aureus	Negative/10g		USP
Package	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum		
Shelf life	36 months if stored under the stated conditions and kept in original packaging.		
Storage	Clean & dry place. Do not freeze. Keep away from direct light and heat.		



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INGREDIENTS

An ingredient is defined in Directive 2000/13/EC on labelling: "ingredient means any substance including additives, used in the production or preparation of a foodstuff and still present in the finished product although possibly in a modified form" i.e. all raw materials to produce the goods.

Please list all ingredients:

Ingredients/material composition	%	Country of origin
Vitamin C	≥70%	China
Sunflower Lecithin	~23%	China
Phytosterol	~5%	China
Silica	~2%	China

ORIGIN

Country of origin of the product: China			
Is a manufacturing process available		☒ YES	☐ NO
Source of the product:		☐ Animal ☐ Plant ☐ Mineral origin ☒ Synthetic ☐ Biotechnological processing	
please answer the following questions			
Ingredient Name: Lipo-Vida™ Liposomal Vitamin C 70%			
Starting material	Ascorbic Acid	Origin	China

GENETICALLY MODIFIED ORGANISMS-GMO

According to EU regulations EC/1829/2003 & EC/1830/2003

According to the EU regulations concerning the traceability and labelling of Genetically Modified Organisms (GMO), and the traceability of food products produced from GMO, we confirm that the product:		
Contains ingredient(s) from Maize and/or Soya origin	☐ YES	☒ NO
Contains no material which contains, consists of or is produced from authorized GMOs in proportion higher than 0,9%. This presence is adventitious or technically unavoidable	☒ YES	☐ NO
is GMO or contains or consists of GMOs	☐ YES	☒ NO
is produced from GMOs or contains ingredients produced from GMOs	☐ YES	☒ NO
Contains ingredient(s) from other potential GMO-risk raw material(s) (rice, beet, cotton ...)	☐ YES	☒ NO
If Yes, please specify: o ingredient: o vegetable origin: o geographic origin:		
Contains no material which contains, consists of or is produced from evaluated GMOs in proportion higher than 0,5%. This presence is adventitious or technically unavoidable	☒ YES	☐ NO
For information about processing aids, is produced or contains ingredient(s) produced with GMOs or Genetically Modified Microorganisms processing aids (bacteria, yeast... or derived from GMOs or GMMs (including enzymes))	☐ YES	☒ NO



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If yes, please specify:		
We confirm that the ingredient supplied is compliant in all respects with the Regulations N°1829/2003/EC and N°1830/2003/EC where applicable	☒ YES	☐ NO

SUBSTANCES OR PRODUCTS CAUSING ALLERGIES OR INTOLERANCES

According to Regulation (EU) No. 1169/2011 as regards of ingredients present in foodstuffs

Allergenic substances (Regulation EU 1169/2011 – Annex II)	Present in finished product	Present in the manufacturing site	Present on the same manufacturing line	Possible cross-contamination
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains)	NO	NO	NO	NO
Crustaceans and products thereof	NO	NO	NO	NO
Eggs and products thereof	NO	NO	NO	NO
Fish and shellfish-derived products (including gelatine)	NO	NO	NO	NO
Peanuts and products thereof	NO	NO	NO	NO
Soybeans and products thereof (including lecithin)	NO	NO	NO	NO
Milk and products thereof (including lactose)	NO	NO	NO	NO
Nuts (almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nut, macadamia nut, Macadamia Nut (including oil), Pine nuts (including oil))	NO	NO	NO	NO
Celery and products thereof	NO	NO	NO	NO
Mustard and products thereof	NO	NO	NO	NO
Sesame seeds and products thereof	NO	NO	NO	NO
Sulphur dioxide and sulphites (>10 mg/kg or 10 mg/L expressed as SO ₂)	NO	NO	NO	NO
Lupin and products thereof	NO	NO	NO	NO
Molluscs and products thereof	NO	NO	NO	NO
Buckwheat and products thereof	NO	NO	NO	NO
Cashew nutshell (including oil)	NO	NO	NO	NO
Bee pollen, propolis, royal jelly and products thereof	NO	NO	NO	NO
Latex	NO	NO	NO	NO
Lupines (lat. Lupinus) and products thereof	NO	NO	NO	NO
Peach (including oil)	NO	NO	NO	NO
Mango (including oil)	NO	NO	NO	NO
Pork and products thereof	NO	NO	NO	NO
Shellfish and similar products	NO	NO	NO	NO
Tomato and products thereof	NO	NO	NO	NO

NON IRRADIATION

According to UE Directive No. 1999/2/CE

Has this raw material or one of its ingredients	☐ YES	☒ NO
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been irradiated or ionised		
We confirm above non-irradiation statement is available	☒ YES	

NANOMATERIAL

According to Regulation(EU)No 1169/2011

Does this raw material contain or can be considered asengineered nanomaterial	☐ YES	☒ NO
Does this raw material have been made with nanotechnology?	☐ YES	☒ NO
Does the product contain nanotechnology as defined by the French decree no.2012-232?	☐ YES	☒ NO

WADA Anti-Doping Statement

Current WADA Prohibited List

Does the product contain any prohibited substances (hormones, anabolic agents, stimulants) listed on WADA Prohibited List?	☐ YES	☒ NO
Is there any risk of cross-contamination with WADA banned substances during production?	☐ YES	☒ NO

FOOD CERTIFICATE

Manufacturer's quality certificates:

ISO 9001 ☐	HACCP ☐	ISO 14001 ☐	ISO 22000 ☐	☒ OTHER
Is the raw material Food Grade?	☒ YES		☐ NO	
Can the product be used in baby food(Regulation 2016/127/CE)?	☐ YES		☒ NO	
Does the product comply with the UE Regulation No231/2012 about additives?	☒ YES		☐ NO	
Is the product complying with a Pharmacopeia monography?	☒ YES		☐ NO	
Is the product complying with the UE Regulation No.1334/2008 about flavourings?	☐ YES		☒ NO	
Was the product used in the European food industry before May 1997?	☒ YES		☐ NO	
If no,could you provide an authorisation (according to Regulation 2015/2283/EC)?	☐ YES		☐ NO	
Are stability studies available?	☒ YES		☐ NO	

CONTAMINANTS

Is the product conforming to UE regulations No 2023/915 setting maximum levels for certain contaminants in foodstuffs,as amended?			☒ YES	☐ NO
Contaminants	Tested?	Result		
Pesticides (multi-residue)?	Can be provide if need	Complies with EU 396/2005		
Dioxins and dioxin like PCBs?	Can be provide if need	Complies with EU 915/2023		
Heavy metals	Can be provide if need	Complies (≤10 ppm)		
PAHs(PAH4)	Can be provide if need	Complies with EU 915/2023		
Benzo[a]pyrens?	Can be provide if need	Complies with EU 915/2023		
Mycotoxins (Aflatoxins, OTA)	Can be provide if need	Complies with EU 915/2023		



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3-MCPD	NO	Not applicable
Doping like substances? http://list.wada-ama.org/	NO	Not applicable

NUTRITIONAL VALUES

Nutritional Composition	☒ Per 100g	☐ Per serving
Energy(kJ/kcal)	1300kJ	
Total Fat(g)	12.0	
Total Carbohydrate(g)	70	
Fibre(g)	0	
Protein(g)	0	
Salt(g)	0.2	
Vitamins:	70	
Minerals:	0	
Remarks: Nutrition Data are obtained by 3 rd party lab; tested on a yearly basis		

Safety Data Sheet (SDS)

Section 1 Identification of Substance			
Product Name	Lipo-Vida™ Liposomal Vitamin C	CAS No.	N/A
Supplier / trade brand	Smarterb Inc	Address	Chengnan Road, Huaxi Subdistrict, Changxing County, Huzhou City, Zhejiang Province, 313100, China
Section 2 Hazards Identification			
2.1 Hazards Identification: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.			
Section 3 Composition, Information on Ingredients			
3.1 Chemical Name: Liposomal Vitamin C; Registration No.: N/A; CAS No.: N/A; EC No.: N/A.			
Section 4 First Aid Measures			
4.1 General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).			
4.2 Inhalation: Move to fresh air. Call a physician immediately.			
4.3 Skin contact: Rinse immediately with plenty of water and seek medical advice.			
4.4 Ingestion: Do not induce vomiting without medical advice.			
4.5 Eye contact: Rinse immediately with plenty of water and seek medical advice.			
4.6 Protection of first-aiders: No information available. Medical conditions aggravated by exposure: None known.			
Section 5 Fire-Fighting Measures			
5.1 Suitable extinguishing media: Use dry chemical, CO ₂ , water spray or alcohol foam.			
5.2 Specific hazards: Burning produces irritant fumes. Unusual hazards: None known.			
5.3 Special protective equipment for firefighters: Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.			
5.4 Specific methods: Water mist may be used to cool closed containers.			
5.5 Flash point: Not determined. Autoignition temperature: Not determined. NFPA: Health 1; Flammability 1; Reactivity 0.			
Section 6 Accidental Release Measures			
6.1 Personal precautions: Use personal protective equipment.			
6.2 Environmental precautions: Prevent product from entering drains.			
6.3 Methods for cleaning up: Sweep up and shovel into suitable containers for disposal.			
Section 7 Handling and Storage			
7.1 Storage: Stable under normal conditions.			
7.2 Handling: Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment.			
7.3 Incompatible products: Oxidising and spontaneously flammable products.			
Section 8 Exposure Controls / Personal Protection			
8.1 Engineering measures: Ensure adequate ventilation.			
8.2 Respiratory protection: Breathing apparatus only if aerosol or dust is formed.			



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- 8.3 Hand protection: PVC or other plastic material gloves.
- 8.4 Skin/body protection: Usual safety precautions while handling the product.
- 8.5 Eye protection: Safety glasses with side-shields.
- 8.6 Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9 Physical and Chemical Properties

- 9.1 Appearance and Odor: off White. Physical state: granule.
- 9.2 Boiling point/range: No data available. Vapor pressure: No data available. Evaporation rate: No data available. Vapor density: No data available.
- 9.3 Solubility (in water): No data available. Flash point: Not determined. Autoignition temperature: Not determined.

Section 10 Stability and Reactivity

- 10.1 Stability: Stable under recommended storage conditions. Polymerization: None under normal processing.
- 10.2 Hazardous decomposition products: Thermal decomposition can release irritating gases and vapours such as carbon oxides.
- 10.3 Materials to avoid: Strong oxidising agents. Conditions to avoid: Exposure to air or moisture over prolonged periods.

Section 11 Toxicological Information

- 11.1 Primary irritation: No data is available on the product itself.
- 11.2 Carcinogenic effects: No data is available on the product itself. Mutagenic effects: No data is available on the product itself. Reproductive toxicity: No data is available on the product itself.

Section 12 Ecological Information

- 12.1 Mobility: No data available. Bioaccumulation: No data available. Ecotoxicity effects: No data available.
- 12.2 Aquatic toxicity: May cause long-term adverse effects in the aquatic environment.

Section 13 Disposal Considerations

- 13.1 Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. Product may be disposed of by treatment at a permitted facility or as advised by local hazardous waste regulatory authority.
- 13.2 Residue from fires extinguished with this material may be hazardous. Contaminated packaging: Do not re-use empty containers.

Section 14 Transport Information

- 14.1 Not regulated.

Section 15 Regulatory Information

- 15.1 No data available.

Section 16 Other Information

- 16.1 Disclaimer: The information and recommendations are based upon tests believed to be reliable; no warranty is made as to accuracy, completeness, merchantability, fitness for a particular purpose, or non-infringement. Adjustment to actual conditions of use may be required.



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Flow Chart

