Onset Worldwide

Supplier	Onset Worldwide LLC	Written By	Sara Morrison
Address	843 State Route 12, Suite B15, Frenchtown, NJ 08825	Version Date	1/27/25
Document Title	Finished Good Specification Sheet - Onset Worldwide	Version #	9

PRODUCT SUMMARY			
Product	Nitro-Milled® Conventional Sunflower Kernels		
SKU	SU106		
Ingredients	100% Sunflower Kernels (SU102)		
Processing Aids	Nitrogen		
Origin	USA		
Certifications	Kosher	☑	
Packaging	50 LB bags	☑	
Shelf Life	12 months, if unopened - re-test after 12 months		
Storage Recommendations	Store in its original, closed packaging, in dry and dark conditions. You are advised to keep product at or below (18°C or 65°F), and below 70% relative humidity.		
Label Sample	Product Name Lot Number Net Weight:		
Ready to Eat Consideration	Raw - Not Treated		
Spec Type	Finished Good Specifications		
PHYSICAL & MICROBIOLOGICAL			
Appearance	Milled sunflower kernel		
Taste and Odor	Must be typical		
Whole Seed Purity	> 99.94%		
Particle Size	10-16 mesh		
Moisture	≤ 8 %		
E. Coli	< 10 cfu/g	AOAC 991.14 or equiv	
Salmonella	Absent in 375g	FDA Bam or equiv	
Aflatoxin	< 10 ppb	Elisa or equiv	

STATEMENTS	
Intended Use Statement	This product is intended as a food ingredient in food preparations for human consumption. It is suitable for vegetarians, vegans, and lactose-intolerant individuals.
Non-GMO Statement	We are pleased to declare that all of our seed & grain products were produced using traditional breeding methods. No genetically modified organisms (GMO's) or transgenic breeding methods were used in the production of these crops
Residue Limit Statement	This product complies with FDA limits on Pesticides-Herbicides, as well as Prop 65 California Law.
Halal Statement	This product was not processed with animal nor animal by-products. This product was not processed with alcohol. This product has not come in contact with any meat nor dairy products.
Non-Irradiated Statement	This product is non-irradiated. It has not been exposed to radiation as a kill step.
Natural Statement	This product is 100% natural. There are no added ingredients.
Food-Grade Packaging Statement	The packaging supplied by our vendors is made of food-grade material.
Regulatory Statement	Any additional testing required by the customer is the responsibility of the customer, or the customer must inform Onset Worldwide, in writing, prior to purchase. Additional costs may apply. Onset Worldwide makes no claim nor warranty to any testing not included on the COA. Testing on the COA is conducted using a representative sample, and the results may vary throughout the lot. Raw Product Disclaimer. If any Product is listed as a raw product (and not "ready to eat" or "RTE"), the following disclaimer shall apply (and supersede any disclaimer or limitation of liability on the face of a Sales Contract). A raw product (1) is not safe to consume as is, (2) may contain harmful pathogens that can cause serious illness if consumed as is, and (3) must be further processed to kill pathogens before it is safe to consume. Seller hereby disclaims any warranties for the raw product that is used as "as is" or "ready to eat" and shall not have any liability for, or attributable to, the raw product that is used as "as is" or "ready to eat", including but not limited to, the purchase, receipt, storage, handling, use, resale or recall of the raw product that is used "as is" or "ready to eat" by buyer or its customers or consumers.
Gluten Statement	Onset Worldwide certifies that this product has not come into contact with gluten nor products containing gluten during processing, packaging, and storing. Any gluten testing required by the customer is the responsibility of the customer, or the customer must inform Onset Worldwide, in writing, prior to purchase. Additional costs may apply. See matrix below for more information.
Continuing Guarantee	Onset Worldwide warrants that any product delivered to the direct customer are not adulterated or misbranded, within the meaning of the FDCA as well as other applicable laws and regulations.
No Artificial Statement	Onset Worldwide certifies to the best of our knowledge and belief that this product contains no artificial flavor, no artificial color, and no artificial preservative.
Vegan Statement	We hereby declare that this product: 1) Contain(s) no animal ingredients or animal by-products (including honey and sugar refined with bone char); 2) Use(s) no animal ingredient or by-product in the manufacturing process; and 3) Is(are) not being tested on animals by any company or independent contractor.
Hormone Free	This product was not derived from animal sources, and is therefore hormone free.
Non-Sewage Sludge Statement	This product has not been grown with sewage sludge.

ALLERGEN MATRIX					
	Present in Ingredient	Present in other products processed on the same line - at Onset Worldwide?	Present in the same facility - at Onset Worldwide?	Presesnt in other products processed on the same line at Origin Supply?	Present in the fields where product was grown?
SHELLFISH, CRUSTACEAN, SEAFOOD, OCEAN DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
FISH, FRESH WATER OR OCEAN, DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
DAIRY OR DAIRY DERIVATIVES, BYPRODUCTS, INCLUDING LACTOSE	NO	NO	NO	NO	NO
EGG PRODUCTS OR EGG DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
PEANUTS OR DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
SOY, SOY BASED PRODUCTS OR DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
TREE NUTS, NUT PRODUCTS, DERIVATIVES, BYPRODUCTS	NO	NO	NO	NO	NO
WHEAT OR WHEAT DERIVATIVES, BYPRODUCTS, OR OTHER CEREALS CONTAINING GLUTEN	NO	NO	NO	NO	Traces of wheat, barley, oats, corn within limits of specifications (up to 4% coming from field) - origin production reduces plant impurities to < 0.02%
COCONUT PRODUCTS	NO	NO	NO	NO	NO
SESAME SEEDS AND PRODUCTS THEREOF	NO	NO	NO	NO	NO
SULPHUR DIOXIDE AND SULPHITES MORE THAN 10MG/KG OR 10MG/LITER EXPRESSED AS SO2	NO	NO	NO	NO	NO
MUSTARD & DERIVATIVES	NO	NO	NO	NO	NO

NUTRITIONALS*				
*Results vary per lot These tests won't be completed on each lot, and won't be included on COAs.				
Based on	100g		Alanine	8.81 mg/g
Calories	583		Arginine	18.7 mg/g
Total Fat	50 g		Aspartic acid	18.9 mg/g
Saturated Fat	4.56 g		Cystine	4.03 mg/g
Trans Fat	0		Glutamic acid	41.6 mg/g
Cholesterol	0 mg		Glycine	11.7 mg/g
Sodium	4.50 mg		Histidine	5.06 mg/g
Total Carbohydrate	15.45 g		Isoleucine	8.66 mg/g
Dietary Fiber	12.87 g		Leucine	13.6 mg/g
Total Sugars	1.6 g		Lysine	7.2 mg/g
Added Sugars	0 g		Methionine	4.79 mg/g
Protein	22.30 g		Phenylalanine	9.83 mg/g
Vitamin D	0		Proline	8.65 mg/g
Calcium	90.33 mg		Serine	9.04 mg/g
Iron	4.53 mg		Threonine	7.86 mg/g
Potassium	634.23 mg		Tryptophan	3.00 mg/g
			Tyrosine	6.02 mg/g
			Valine	10.3 mg/g

COA Template			
Product	Nitro-Milled® Conventional Sunflower Kernels		
SKU	SU106		
Lot Number			
Production Date			
Re-Test Date			
Ingredients	100% Sunflower Kernels (SU102)		
Processing Aids	Nitrogen		
Origin	Origin		
Certifications	Organic	☐	
	Kosher	☑	
Packaging	50 LB bags	☐	
	25 KG bags	☐	
	2000 LB tote	☐	
	2205 LB tote	☐	
	Other, describe		
Shelf Life	12 months, if unopened - re-test after 12 months		
Storage Recommendations	You are advised to keep product at room temperature or below (18°C or 65°F), and below 70% relative humidity.		
PHYSICAL & MICROBIOLOGICAL			
Appearance	Milled sunflower kernel		
Taste and Odor	Must be typical		
Whole Seed Purity	> 99.94%		
Moisture	≤ 8 %		
E. Coli	< 10 cfu/g	PCR(BAM Chp 4) or equiv	
Salmonella	Absent in 375g	PCR(BAM Chp 5) or equiv	
Aflatoxin	< 10 ppb	Testing completed on raw material	
Intended Use Statement	This product is intended as a food ingredient in food preparations for human consumption. It is suitable for vegetarians, vegans, and lactose-intolerant individuals.		
Regulatory Statement	Any additional testing required by the customer is the responsibility of the customer, or the customer must inform Onset Worldwide, in writing, prior to purchase. Additional costs may apply. Onset Worldwide makes no claim nor warranty to any testing not included on the COA. Testing on the COA is conducted using a representative sample, and the results may vary throughout the lot. Raw Product Disclaimer. If any Product is listed as a raw product (and not “ready to eat” or “RTE”), the following disclaimer shall apply (and supersede any disclaimer or limitation of liability on the face of a Sales Contract). A raw product (1) is not safe to consume as is, (2) may contain harmful pathogens that can cause serious illness if consumed as is, and (3) must be further processed to kill pathogens before it is safe to consume. Seller hereby disclaims any warranties for the raw product that is used as “as is” or “ready to eat” and shall not have any liability for, or attributable to, the raw product that is used as “as is” or “ready to eat”, including but not limited to, the purchase, receipt, storage, handling, use, resale or recall of the raw product that is used “as is” or “ready to eat” by buyer or its customers or consumers.		

Food Fraud - Assessment					
Ingredient/ Raw Material	Product Description	Historic Incidents of Fraud?	Emerging concerns of Fraud?	Market size	Price of Product
Sunflower Kernels	Organic and Conventional	A couple. Substituted conventional for organic	None we are aware of	Medium	Product is not considered to be expensive.

Price Fluctuations	Geographic Areas	Supply Chain Complexity	Supply Chain Audits	Routine Testing Conducted?	Likelihood of Fraud Occurring?
Product does not experience frequent large fluctuations. No trading properties.	Bulgaria, USA, China	Supply chain is reasonably simple and short	Third party audits are conducted on most suppliers, the ones that aren't fill out forms assessing their food safety practices.	Microtesting is conducted routinely, but no identity testing on product	Unlikely

Audit Strategy	Supplier Relationship	Supplier History of Issues	Susceptibility of QA Methods and Specs	Testing Frequency	Geopolitical Considerations
Medium- Low. Most suppliers audited by third party.	Low – Trusted relationship.	Low – No known issues.	Medium- Low. Product tested for requirements per spec. No known adulterants.	Medium- Low. Every lot tested. COA issued.	Low – A single ingredient item from previously identified geographic regions

Fraud History	Economic Anomalies	Likelihood Food Fraud to Occur
Low – No known issues.	Low – Nothing unusual.	Low

Version History			
Date	Version	Change	Approval
7/8/20	1	Original	Sara Morrison
12/2/20	2	Added spec sheet type designation; Initiated standard Non-Treated Micro Specs	Sara Morrison
05/18/21	3	Remove flow	Sara Morrison
8/31/21	4	Added USA raw material origin to COO	Sara Morrison
1/4/22	5	Annual review for accuracy; Added USA origin, and Aflatoxin testing	Sara Morrison
12/12/22	6	Reviewed for accuracy; updated geographics and adjusted E.coli limits.	Amanda Buchel

3/13/23	7	Added Amino Acid Profile information to nutritional section.	Amanda Buchel		
8/16/23	8	Updated Nutritionals based on recent Annual Product Quality Testing	Amanda Buchel		
1/8/24	-	Reviewed for accuracy	Amanda Buchel		
1/27/25	9	Reviewed for accuracy; Updated storage recommendations and allergen matrix	Amanda Buchel		