



General Product Attributes

Category	Product	Nicotine Content	Product Size
E-liquid	Mango Crush	20mg/ml	10ml

Product Information	
Product Name	Sams Vape - Mango Crush
Product Category	E-liquid
Finished Product Manufacturer	Liquid Filling Solutions 900 Madison Ave Audubon PA 19403 USA
Shelf Life	Best By: 2 years from manufacture date

Manufacturing

Liquid Filling Solutions LLC manufactures the Sams Vape E-Liquids in an ISO Certified, GMP Certified and FDA Registered Facility in Audubon PA, USA. Liquid Filling Solutions is in good standing and current with certifications in all : ISO, GMP and FDA.

Ingredient Listing

The following is a list of ingredients and quantities used in the manufacture of this flavored E-liquid in descending order according to the % weight of each ingredient and the levels of chemical compounds resulting from use.

Chemical	CAS#	% Weight	Purpose
Glycerin	56-81-5	48.0%	Aerosol Producer
Propylene Glycol	57-55-6	38.7%	Aerosol Producer
Nicotine	54-11-5	2.0%	Nicotine
Mango		6.8%	Flavoring Agent
Acetic, Glacial	64-19-7		Flavoring Agent
Ethyl Butyrate	105-54-4		Flavoring Agent
Raspberry		4.5%	Flavoring Agent
Acetic, Glacial	64-19-7		Flavoring Agent
Hexanol CIS 3	84961-46-6		Flavoring Agent
TOTAL		100.0%	



Table 2 Analytical Test Results Sams Vape - Mango Crush

Test	Method	Specification	Results
Heavy Metal			
Chromium	LFS Testing	LOD < .308	Pass
Cadmium	LFS Testing	LOD < .010	Pass
Nickel	LFS Testing	LOD < .111	Pass
Lead	LFS Testing	LOD < .134	Pass

Microbiological Testing

The following results are the most recent microbiological testing of:
Sams Vape - Mango Crush

Table 3

Testing	Method	Specification	Results
TPC	USP61	<100cfu/gm	Pass
Yeast/Mold	USP61	<100cfu/gm	Pass
Pseudomonas Aeruginosa	USP62	Absent	Pass
S.aureus	USP62	Absent	Pass
Bile-tolerant Gram Negative Bacteria	USP62	Absent	Pass

Nicotine

Liquid Filling Solutions procures USP grade Nicotine from Liquid Nicotine Wholesalers (LNW) based in the USA. LNW is known for the most consistent and highest quality level of US suppliers. Please reference COA for verification.

Glycerin and Propylene Glycol

Liquid Filling Solutions uses only USP Kosher grade Glycerin and Propylene Glycol with a minimum acceptable assay of 99.7% Please reference COA for verification of passing testing results standards.



General Product Attributes

Category	Product	Nicotine Content	Product Size
E-liquid	Frozen Mango Crush	20mg/ml	10ml

Product Information	
Product Name	Sams Vape -Frozen Mango Crush
Product Category	E-liquid
Finished Product Manufacturer	Liquid Filling Solutions 900 Madison Ave Audubon PA 19403 USA
Shelf Life	Best By: 2 years from manufacture date

Manufacturing

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Chemical	CAS#	% Weight	Purpose
Glycerin	56-81-5	48.0%	Aerosol Producer
Propylene Glycol	57-55-6	37.7%	Aerosol Producer
Nicotine	54-11-5	2.0%	Nicotine
Mango		6.8%	Flavoring Agent
Acetic, Glacial	64-19-7		Flavoring Agent
Ethyl Butyrate	105-54-4		Flavoring Agent
Raspberry		4.5%	Flavoring Agent
Acetic, Glacial	64-19-7		Flavoring Agent
Hexanol CIS 3	84961-46-6		Flavoring Agent
WS-23			Flavoring Agent
N,2,3-Trimethyl-2-isopropyl Butanamide	51115-67-4	1.0%	
TOTAL		100.0%	



[Handwritten Signature]

Table 2 Analytical Test Results Sams Vape - Frozen Mango Crush

Test	Method	Specification	Results
Heavy Metal			
Chromium	LFS Testing	LOD < .308	Pass
Cadmium	LFS Testing	LOD < .010	Pass
Nickel	LFS Testing	LOD < .111	Pass
Lead	LFS Testing	LOD < .134	Pass

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