



STRAHL & PITSCHE, LLC

Leaders in Wax Technology

PO Box 1098 | 230 Great East Neck Road West Babylon, NY 11704
(631) 587-9000 | spwax.com

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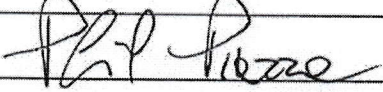
CERTIFICATE OF ANALYSIS

SP-75G

CANDELILLA WAX - GRANULES

BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
29393/25	12/2/2025	12/2/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Acid Value according to the current NF Monograph	12	22	17	mg KOH/g
Color - visual	Yellow		Yellow	
ID B - Meets MP Class II	Meets reqmnts for MP Class II		Passes Test	
Identification A - IR	Compares to USP RS		Compares to USP RS	
Limit of Lead according the NF monograph	NMT 3ppm		Complies	
Melt Point, USP <741> Class II	68	73	69	°C
Saponification Value according to the current NF monograph	43	65	54	mg KOH/g
USP Residual Solvents <467>	None Detected		None Detected	

SUBMITTED BY:  DATE: 12/10/25

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CERTIFICATE OF ANALYSIS

SP-63

CARNAUBA WAX #1 FLAKES N.F.

BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
29434/25	12/11/2025	12/11/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Acid Value according to the current NF Monograph	2	7	4	mg KOH/g
Appearance	Brittle Flakes		Brittle Flakes	
Color - visual	Yellow		Yellow	
Identification A - IR	Compares to USP RS		Compares to USP RS	
Manufactured by	S&P West Babylon NY 11704		S&P W. Babylon, NY	
Melt Point, USP <741> Class II	80	86	83	°C
Odor - Organoleptic	Characteristic		Characteristic	
ROI <281> according to the current NF Monograph	0	.25	0.04	%
Saponification Value according to the current NF monograph	78	95	88	mg KOH/g
USP Residual Solvents <467>	None Detected		None Detected	

SUBMITTED BY: Phil Fierze DATE: 12/15/25

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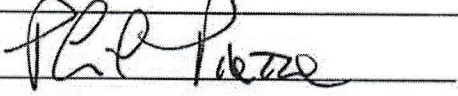
CERTIFICATE OF ANALYSIS

SP-170

PARAFFIN/SYNTHETIC BLEND

BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
32437/25	10/13/2025	10/13/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Color - visual	White		White	
Congealing Point - ASTM D-938	80	85	82	°C
Penetration - ASTM D-1321 @25C	2	5	4	dmm

SUBMITTED BY:  DATE: 10/14/25



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CERTIFICATE OF ANALYSIS

SP-173P-C

CERESINE WAX PASTILLES

BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
28895/25	5/2/2025	5/2/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Color - visual		White	White	
Melt Point, USP <741> Class II	58.9	62.2	61.4	°C
Penetration - ASTM D-1321 @25C	10	16	12	dmm

SUBMITTED BY:

Phil Pirzro

DATE:

5/8/25



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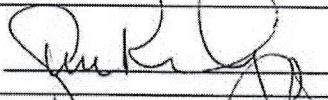
SP-16

YELLOW MICROCRYSTALLINE WAX

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BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
32317/25	6/17/2025	6/17/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Color - visual		Yellow	Yellow	
Drop Point Method ASTM D127	79.4	86.7	83.3	°C
Penetration - ASTM D-1321 @25C	15	22	18	dmm

SUBMITTED BY:  DATE: 7/8/25



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CERTIFICATE OF ANALYSIS

SP-1020

WHITE OZOKERITE WAX

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BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
31992/24	11/27/2024	11/27/2027

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Color - visual		White	White	
Drop Melting Point (ASTM D-3954)	74.5	79	76.5	°C
Odor - Organoleptic		Typical	Typical	
Penetration - ASTM D-1321 @25C	8	13	8	dmm

SUBMITTED BY: PEL Perre DATE: 12/3/24

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CERTIFICATE OF ANALYSIS

Item: **SP-58 MB**
SYNTHETIC BEESWAX MASS BALANCED

CUSTOMER

QUIMICA ANASTACIO ARGENTINA S.A.

REFERENCE NUMBER	SHIP DATE	BATCH NUMBER	DATE OF MANUFACTURE
SO139095	12/19/2025	32066/25	1/16/2025
CUSTOMER ORDER	QTY SHIPPED	RSPO #	DATE OF RETEST
001665	25.000	SGS-RSPO/SC20-00231	1/16/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Acid Value according to the current NF Monograph	Preliminary - 17 - 24		21	mg KOH/g
Color - visual	Preliminary - White		White	
Melt Point, USP <741> Class II	Preliminary - 68 - 75		74	°C
Penetration - ASTM D-1321 @25C	Preliminary - 11 - 19		13	dmm
Saponification Value according to the current NF monograph	Preliminary - 89 - 103		99	mg KOH/g

SUBMITTED BY:

DATE:

12/19/25

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CERTIFICATE OF ANALYSIS

SP-8002

RICE BRAN WAX

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BATCH NUMBER	DATE OF MANUFACTURE	DATE OF RETEST
56973/25	12/2/2025	12/2/2028

DESCRIPTION	SPECIFICATIONS		ACTUAL ANALYSIS	UOM
	MIN	MAX		
Acid Value USP<401> Method II	0	20	7	mg KOH/g
Color - visual	Light Yellow		Light Yellow	
Melt Point, USP <741> Class II	75	80	78	°C
Penetration - ASTM D-1321 @25C	0	10	4	dmm
Saponification Value <401>	77	95	85	mg KOH/g

SUBMITTED BY: Phil Pizzone DATE: 12/3/25

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