



# Agdia Testing Services Report

SB Talee Colombia  
c/o Biopruebas Ltda.  
Carrera 19A No.79-18 Of 502  
Bogota,  
COLOMBIA

Activity # 2023061303

June 15, 2023

## Report Summary

A total of 15 samples were received by Agdia Inc. on June 13, 2023 in acceptable condition. The following table briefly summarizes the pathogen testing conducted and the results obtained.

Pathogen Tested	Pathogen Name	Test Method	Results Summary		
			Negative	Positive	Other
CarMV	Carnation mottle virus	ELISA	12	3	0
CERV	Carnation etched ring virus	ELISA	15	0	0
CNFV	Carnation necrotic fleck virus	ELISA	15	0	0
CRSV	Carnation ringspot virus	ELISA	15	0	0
INSV	Impatiens necrotic spot virus	ELISA	15	0	0

Fifteen Dianthus leaf and midrib samples from PO 46 were received from SB Talee Colombia and tested in the ELISA format.

## Sample Results (OD values shown for ELISA tests)

Agdia Sample #	Tissue Sampled	Sample	Sample Code	
<b>1</b>	<b>Dianthus leaves and midrib</b>	<b>1</b>	<b>ID1BL6BN1</b>	
	<b>CarMV</b> Negative 0.075	<b>CERV</b> Negative 0.063		<b>CNFV</b> Negative 0.064
	<b>CRSV</b> Negative 0.052	<b>INSV</b> Negative 0.078		
<b>2</b>	<b>Dianthus leaves and midrib</b>	<b>2</b>	<b>ID2BL6BN8</b>	
	<b>CarMV</b> Negative 0.075	<b>CERV</b> Negative 0.059		<b>CNFV</b> Negative 0.063
	<b>CRSV</b> Negative 0.049	<b>INSV</b> Negative 0.055		
<b>3</b>	<b>Dianthus leaves and midrib</b>	<b>3</b>	<b>ID3BL7BN9</b>	
	<b>CarMV</b> Negative 0.091	<b>CERV</b> Negative 0.064		<b>CNFV</b> Negative 0.063
	<b>CRSV</b> Negative 0.051	<b>INSV</b> Negative 0.058		



## Sample Results (OD values shown for ELISA tests)

Agdia Sample #	Tissue Sampled	Sample	Sample Code	
4	Dianthus leaves and midrib	4	ID4BL7BN16	
	CarMV Negative 0.073	CERV Negative 0.061		CNFV Negative 0.061
	CRSV Negative 0.051	INSV Negative 0.060		
5	Dianthus leaves and midrib	5	ID5BL8BN3	
	CarMV Negative 0.080	CERV Negative 0.063		CNFV Negative 0.060
	CRSV Negative 0.051	INSV Negative 0.065		
6	Dianthus leaves and midrib	6	ID6BL8BN31	
	CarMV Negative 0.068	CERV Negative 0.064		CNFV Negative 0.062
	CRSV Negative 0.054	INSV Negative 0.057		
7	Dianthus leaves and midrib	7	ID7BL9BN2	
	CarMV Negative 0.079	CERV Negative 0.067		CNFV Negative 0.062
	CRSV Negative 0.050	INSV Negative 0.054		
8	Dianthus leaves and midrib	8	ID8BL9BN29	
	CarMV Negative 0.077	CERV Negative 0.065		CNFV Negative 0.062
	CRSV Negative 0.052	INSV Negative 0.066		
9	Dianthus leaves and midrib	9	ID9BL17BN12	
	CarMV Positive 1.585	CERV Negative 0.065		CNFV Negative 0.062
	CRSV Negative 0.052	INSV Negative 0.069		
10	Dianthus leaves and midrib	10	ID10BL17BN24	
	CarMV Negative 0.063	CERV Negative 0.061		CNFV Negative 0.064
	CRSV Negative 0.049	INSV Negative 0.059		
11	Dianthus leaves and midrib	11	ID11BL18BN13	
	CarMV Positive 1.422	CERV Negative 0.065		CNFV Negative 0.060
	CRSV Negative 0.051	INSV Negative 0.061		
12	Dianthus leaves and midrib	12	ID12BL18BN43	
	CarMV Positive 1.483	CERV Negative 0.066		CNFV Negative 0.058
	CRSV Negative 0.049	INSV Negative 0.063		
13	Dianthus leaves and midrib	13	ID13BL18BN54	
	CarMV Negative 0.094	CERV Negative 0.065		CNFV Negative 0.060
	CRSV Negative 0.051	INSV Negative 0.060		



## Sample Results (OD values shown for ELISA tests)

Agdia Sample #	Tissue Sampled	Sample	Sample Code	
14	Dianthus leaves and midrib	14	ID14BL20BN26	
	<b>CarMV</b> Negative 0.074	<b>CERV</b> Negative 0.066		<b>CNFV</b> Negative 0.061
	<b>CRSV</b> Negative 0.048	<b>INSV</b> Negative 0.072		
15	Dianthus leaves and midrib	15	ID15BL20BN29	
	<b>CarMV</b> Negative 0.079	<b>CERV</b> Negative 0.064		<b>CNFV</b> Negative 0.064
	<b>CRSV</b> Negative 0.048	<b>INSV</b> Negative 0.065		

## Summary of Test Performance

Pathogen Tested	Test Method	Negative Controls	Positive Controls
CarMV	ELISA	≤ 0.066 O.D.	≥ 1.904 O.D.
CERV	ELISA	≤ 0.069 O.D.	≥ 4.000 O.D.
CNFV	ELISA	≤ 0.047 O.D.	≥ 4.000 O.D.
CRSV	ELISA	≤ 0.050 O.D.	≥ 4.000 O.D.
INSV	ELISA	≤ 0.056 O.D.	≥ 4.000 O.D.

## Explanation of Results and Methods

Tests described in this report are accredited under Agdia Incorporated's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board unless noted otherwise. Refer to certificate and scope of accreditation L2424.

All test results produced from screening potato samples related to the production of minitubers are accredited under the USDA APHIS Minituber (*Solanum tuberosum*) Laboratory Testing Pilot program. Results produced from this testing may be used for the issuance of phytosanitary certificates. More information can be found on the Plant Health Export Accreditations and Certifications page of [www.aphis.usda.gov](http://www.aphis.usda.gov).

The results described in this report are representative of the samples submitted for analysis. The degree of uncertainty in reporting is dependent on the condition in which the samples were received at the time of the testing request. All other factors contributing to the accuracy of diagnosis are controlled within the scope of the laboratory quality program. Sample identifications listed in this report, including plant species information, are recorded as supplied by the submitter. This report may not be reproduced except in full without written approval from Agdia, Inc.

Thank you for using Agdia Testing Services. Please contact us at 574-327-6071 or [testing@agdia.com](mailto:testing@agdia.com) if you have any questions.

*Deborah Groth-Helms*

Director

End of Report