



IEH
**Laboratories &
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CERTIFICATE OF ANALYSIS

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WO: 1213058 Samples Received: 3/16/2022 Report Date: 3/16/2022 Report No: FCA-301884

Lab & Cust. Sample Id	Description / Method / Result	Collection Date:	Analysis Date:
1213058-001 (N/A)	Pistachio (TL4) ProductCode: 052142BB LotNo:2130810751115	3/15/2022	3/16/2022
Aflatoxin (TL4) - Subsample 1 - B1	AOAC 991.31		0.7 ppb
Aflatoxin (TL4) - Subsample 1 - B2	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 1 - G1	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 1 - G2	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 1 - Total	AOAC 991.31		0.7 ppb
Aflatoxin (TL4) - Subsample 2 - B1	AOAC 991.31		0.8 ppb
Aflatoxin (TL4) - Subsample 2 - B2	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 2 - G1	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 2 - G2	AOAC 991.31		<0.1 ppb
Aflatoxin (TL4) - Subsample 2 - Total	AOAC 991.31		0.8 ppb

Note *Sample has been analyzed using HPLC with a limit of quantification (LOQ) of 0.4 ppb for total Aflatoxin. Quality Control/Spike Recovery Sample analyzed using HPLC yield recoveries of 78% for total Aflatoxin and 77% for Aflatoxin B1.
 **Results are not corrected for recovery or expanded measurement of uncertainty.
 "USDA or USDA-approved laboratory to test for total aflatoxin content in samples for domestic and imported pistachios marketed in the United States."
 ****An immunoaffinity column cleanup with high performance liquid chromatography (HPLC) method (AOAC 991.31).

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

According to the client, representative subsamples were collected to equal weight requirements based Tables 1 or 2, 983.150 (D) (2), and homogenized for analysis ensuring proper particle size and that each subsample contains portions of the whole lot to conform to the USDA/AMS Laboratory Approval Program procedures and 7 CFR Part 983. Export lots may not exceed 55,000 lbs. Sampling and analytical procedures are consistent with European Commission (EC) Regulation No. 401/2006.


 Authorized Analyst: Armando Zaragoza