Report Information

Laboratory Accreditation

BAL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BAL is also certified by many other states to perform environmental analyses. For a current list of our accreditations /certifications, please visit our website at <http://www.brooksapplied.com/resources/certificates-permits/>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

AR	as received	**MS**	matrix spike
BAL	Brooks Applied Labs	**MSD**	matrix spike duplicate
BLK	method blank	**ND**	non-detect
BS	blank spike	**NR**	non-reportable
CAL	calibration standard	**N/C**	not calculated
CCB	continuing calibration blank	**PS**	post preparation spike
CCV	continuing calibration verification	**REC**	percent recovery
COC	chain of custody record	**RPD**	relative percent difference
D	dissolved fraction	**SCV**	secondary calibration verification
DUP	duplicate	**SOP**	standard operating procedure
IBL	instrument blank	**SRM**	standard reference material
ICV	initial calibration verification	**T**	total fraction
LOQ	limit of quantitation	**TR**	total recoverable fraction
MDL	method detection limit		

Definition of Data Qualifiers

(Effective 9/23/09)

E	An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H	Holding time and/or preservation requirements not met. Please see narrative for explanation.
J	Detected by the instrument, the result is > the MDL but ≤ the LOQ. Result is reported and considered an estimate.
J-1	Estimated value. A full explanation is presented in the narrative.
M	Duplicate precision (RPD) was not within acceptance criteria. Please see narrative for explanation.
N	Spike recovery was not within acceptance criteria. Please see narrative for explanation.
R	Rejected, unusable value. A full explanation is presented in the narrative.
U	Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X	Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch.
	Result is estimated.

These qualifiers are based on those previously utilized by Brooks Applied Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BAL.

Certificate of Analysis

March 25, 2022

Texas Black Gold Garlic
ATTN: Stephen Paprocki
11911 Crosswinds Ways, Unit 306
San Antonio, TX 78233
texasblackgoldgarlic@gmail.com

Sample Name: Black Garlic Powder
Sample Lot: NA
Sample Type: Biota
Received: February 24, 2022
Laboratory Sample ID: 2202307-01

Analyte	MDL	LOQ	Result	Units	Qualifier	Method
Arsenic	2.2	9.8	126	ppb (µg/kg)		AOAC 2015.01, Mod
Cadmium	1.3	2.9	135	ppb (µg/kg)		AOAC 2015.01, Mod
Lead	1.0	2.9	13.1	ppb (µg/kg)		AOAC 2015.01, Mod
Mercury	0.137	0.391	1.08	ppb (ng/g)		CVAFS

Brooks Applied Labs is certified by the ANSI-ASQ National Accreditation Board through ANAB to perform laboratory testing consistent with the requirements of the recognized International Standard ISO/IEC 17025:2017 (Certificate Number: ADE- 1447.02). Brooks Applied Labs has demonstrated technical competence and is accredited to perform the specific tests for which results are reported above. Brooks Applied Labs certifies that all of the results reported above are consistent with these requirements.

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