



ISO/IEC 17025:2017  
 Accreditation #: 75696  
 lab@summitnutritional.com

Report Number: 221109 010-04  
 Date Reported: 11/28/2022 10:56:58 AM

**Sample Details**

Product #: Ginger  
 Description: Ginger  
 Lot #: 11/9/22  
 Received: 11/9/2022 9:49:32 AM

**Customer Information**

Well Theory  
 2963 W Parkway Blvd  
 West Valley City, UT 84119

Sample Details:

**Certificate of Analysis**

Chemistry	Method	Specifications	Result	Units
<b>Botanicals and Nutraceuticals</b>				
Gingerols and Shogols	USP41-NF36 - 4650 (Modified)		0.29	%
Gingerols	USP41-NF36 - 4650 (Modified)		0.17	%
Shogols	USP41-NF36 - 4650 (Modified)		0.12	%
6-Gingerol	USP41-NF36 - 4650 (Modified)		0.13	%
8- Gingerol	USP41-NF36 - 4650 (Modified)		0.03	%
10-Gingerol	USP41-NF36 - 4650 (Modified)		0.01	%
6-Shogol	USP41-NF36 - 4650 (Modified)		0.12	%
8-Shogol	USP41-NF36 - 4650 (Modified)		0.00	%
10-Shogol	USP41-NF36 - 4650 (Modified)		0.01	%
6-gingerdione	USP41-NF36 - 4650 (Modified)		0.00	%
8-gingerdione	USP41-NF36 - 4650 (Modified)		0.00	%
<b>Heavy Metals</b>				
Arsenic	USP <2232>		0.207	ppm
Cadmium	USP <2232>		0.049	ppm
Lead	USP <2232>		0.0815	ppm
Mercury	USP <2232>		< 0.001	ppm
<b>Physical</b>				
Identity Test By NIR	USP <1119>	Gingerol	Confirmed	
NIR Identity Distance	USP <1119>	< 0.1751	0.006234	
NIR Identity Spectra Residual	USP <1119>	< 0.014895	0.006379	
Appearance	SNL.MA.202	Powder	Powder	
Color	SNL.MA.202	Brown	Brown	
Odor	SNL.MA.202	Characteristic	Characteristic	

Report Approved by:   
 Joel Nelson  
 Laboratory Manager

\*= Please review Client Specifications  
 Report Numbers that have been revised or amended will include a revision number.

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