

Certificate of Analysis



CoffeeBerry® Forte Soluble Concentrate 40% N580

Customer: **Sample**

P.O. **Sample**

Lot: **06964459N580**

Order: **Sample**

Code: **N580**

Date: **4/5/2016**

Manufacture Date: **3/9/2016**

Best if used by: **3/9/2018**

PRODUCT CHARACTERISTICS			
Botanical Name	Coffea arabica	Plant Part	Whole Fruit of Coffea arabica
Description	Powder	Flavor	Characteristic
Kosher	Pareve per Orthodox Union	Organic	No
PRODUCT PROFILE	METHOD	SPECIFICATION	TEST RESULT
Particle Analysis	FCCM P.2.1	98% through U.S.A. #40 sieve	100%
Moisture	FCCM P.1.1	10% Maximum	2.2%
Identification	FTIR	Characteristic	Complies
Irradiation Detection	PSL	Negative	Negative
Color	Visual	Tan/Brown	Complies
ACTIVE ASSAY	METHOD	SPECIFICATION	TEST RESULT
ORAC	FCCM C.1.2	6,000 µmole TE/g Minimum	7,447 µmole TE/g
Total Chlorogenic Acid	FCCM C.2.5	40% Minimum	60.6%
5-caffeoylquinic acid	HPLC	15% Minimum	15%
Trigonelline	HPLC	1.5% Typical	1.8%
ANALYSIS	METHOD	SPECIFICATION	TEST RESULT
Heavy metals by ICP-MS	AOAC 993.14M	NMT 10 ppm	Complies
Arsenic	AOAC 993.14M	NMT 5 ppm	0.037 ppm
Cadmium	AOAC 993.14M	NMT 3 ppm	<0.020 ppm
Lead	AOAC 993.14M	NMT 1 ppm	0.032 ppm
Mercury	AOAC 993.14M	NMT 0.5 ppm	<0.020 ppm
Pesticides	AOAC 2007.01	Meets EPA limits	Complies
Aflatoxins B1+B2+G1+G2,	AOAC 994.08	< 4 ppb	ND
Ochratoxin A	AOAC 994.08	<10 ppb	ND

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MICROBIOLOGICAL PROFILE	METHOD	SPECIFICATION	TEST RESULT
Total Aerobic Plate Count	AOAC 990.12	NMT 10,000 CFU/g	<1,000 CFU/g
Yeast and Mold	AOAC 997.02	NMT 200 CFU/g	<10 CFU/g
Coliform	AOAC 991.14	NMT 10 CFU/g	<10 CFU/g
E. Coli	AOAC 991.14	Less than 10 CFU/g	Less than 10 CFU/g
Salmonella	Modified FDA BAM	Negative/375g	Negative/375g
Coag. Pos. Staph.	Modified FDA BAM	Negative/g	Negative/g

INGREDIENT STATEMENT

Whole Fruit of Coffea arabica

COUNTRY OF ORIGIN

Country of Origin: Dried Whole Coffee Fruit: Mexico, India. Country of Manufacture: India

QA Approval

Signature: 

Date: 4 / 5 / 2016

Contact Information

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Status:	Current Review Date	Previous Review Date	Supersedes	Quality Director Approval: Dr. Boris Nemzer	Quality Operations Approval: Ed Lindquist
Active	04/04/2016	03/18/2015	14 of 10/23/2007		