

CERTIFICATE OF ANALYSIS

Product Name:	Blueberry Extract	Manufacturing Date:	Nov. 01 st , 2017
Batch No.:	RDEBL20171101	Expiration Date:	Oct. 31 st , 2019
Botanic Source:	<i>Vaccinium myrtillus L.</i>	Part of Used:	Fruit

Item	Specification	Result
Appearance	Violet fine powder	Conform
Identification	Positive	Positive
Odor	Characteristics	Conform
Sieve Analysis	100% pass 80 mesh	Conform
Assay (UV/HPLC)	Proanthocyanidins $\geq 25.0\%$	25.31% UV
	Anthocyanins $\geq 5.0\%$	5.45% HPLC
Loss on Drying	$\leq 5.0\%$	2.75%
Ash	$\leq 5.0\%$	2.67%
Heavy Metals	$\leq 20\text{ppm}$	Conform
Lead	$< 1\text{ppm}$	Conform
Arsenic	$< 2\text{ppm}$	Conform
Microbiological Tests		
Total Plate Count	$< 10,000\text{ cfu/g}$	Conform
Yeast & Mold	$< 1,000\text{ cfu/g}$	Conform
E. Coli	Negative	Conform
Salmonella	Negative	Conform
Packing & Storage	packed in double plastic bag inside, fiber container outside. Store in a well-closed container away from moisture, light, heat, oxygen.	
Shelf Life	2 Years if sealed and stored properly.	
Manufacturer	RD Health Ingredients Co., Ltd. Xi'an, P.R. China	

Quality Assurance Officer

Zhang Zhewen

Analyst

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