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INTEGRATED BIOMOLECULE CORPORATION

Company: Desert Harvest Inc.

ANALYTICAL REPORT

Sample:	Lot Number:
White Powder	TL-Cvcap

Analyte	Result	Unit
Starch	neg	(+ / -)
Acetic Acid	< 0.001	mg / g
Ascorbic Acid	< 0.001	mg / g
Citric Acid	< 0.001	mg / g
Fumaric Acid	< 0.001	mg / g
Malic Acid	5.266	mg / g
Quinic Acid	< 0.001	mg / g
Oxalic Acid	< 0.001	mg / g
Succinic Acid	< 0.001	mg / g
Tartaric Acid	< 0.001	mg / g
Total Organic Acids	5.266	mg / g
Isobarbloin	1.348	mcg / g
Aloe-emodin	1.229	mcg / g
Total Phenolic Anthroquinones (as above)	2.577	mcg / g

Organic acid analysis performed by HPLC method adapted from: Lian, HZ, Mao, L, Ye, XL, Miao, J. Mar 1999, 'Simultaneous determination of oxalic, fumaric, maleic and succinic acids in tartaric and malic acids for pharmaceutical use by ion-suppression reversed-phase high performance liquid chromatography' Journal of Pharmaceutical And Biomedical Analysis, vol. 19, no. 3-4, pp. 621-625. Identification / quantification by external standards method. Standard obtained from Sigma-Aldrich.

Aloe anthroquinone analysis performed by HPLC method adapted from: Okamura, N, Asia, M, Hine, N, Yagi, A. 1996, 'High-performance liquid-chromatographic determination of phenolic compounds in aloe species' Journal of Chromatography A, vol. 746, no.2, pp. 225-231. Identification / quantification by external standards method. Standard obtained from Sigma-Aldrich.

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