

## CERTIFICATE of ANALYSIS

Five different batch samples of Nihonkai Inc., Humus Extracts were tested for fulvic acid content employing the LGB (Modified Larry G. Butler)\* and the V and B (Verploegh and Brandfold)\*\* method of fulvic acid quantification: The resulting data was then averaged to arrive at the final fulvic acid content of the extracts. The tables below list the results of each batch tested. Table A shows the results as a percent and Table B lists the results as parts per million (ppm).

Table A			
Batch No.***	LGB Fulvic Acid %	V&B Fulvic Acid %	Average Fulvic Acid %
18005	0.256	0.58	0.418
18010	0.385	0.74	0.563
19005	0.352	0.75	0.551
19007	0.403	0.73	0.557
19010	0.381	0.52	0.451

Table B			
Batch No.***	LGB Fulvic Acid (ppm)	V&B Fulvic Acid (ppm)	Average Fulvic Acid (ppm)
18005	2,560	5,800	4,180
18010	3,850	7,400	5,630
19005	3,520	7,500	5,510
19007	4,030	7,300	5,570
19010	3,810	5,200	4,510

1% = 10,000 ppm = 10,000 mg/L

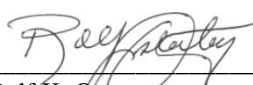
\*LGB analysis was conducted by Advanced Laboratories in joint venture with Atlas Bio-Science Laboratories 1775 S. Pantano Rd - Ste #110, Tucson, AZ 85710.

\*\* V&B analysis was conducted by Motzz Laboratories 3540 E Corona Ave. Phoenix AZ 85040.

\*\*\* These results apply only to the batch samples submitted and not to the product from which it was taken. The results are provided only for the benefit of the client, without representation or warranty of any kind. Limited changes to this document can only be made by the client and are limited to logo replacement, verbiage and formatting. Changes to data listed in the table above are not allowed unless by full written permission from Mineral Logic, LLC.

Chain of Custody was submitted by Ralf K. Ostertag of Mineral Logic, LLC and is responsible for the creation and content of this document.

Approved by:

  
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 Ralf K. Ostertag,  
 Quality Manager  
 Mineral Logic, LLC