



HAWAII KAI
CORPORATION

Composition Analysis

Palm Island Premium™ Hawaiian Sea Salts

White Silver	Red Gold	Black Lava	Bamboo Jade	Pink Diamond
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GENERAL

Sodium Chloride (%)	93.37	91.36	91.72	92.81	91.36
pH (10% solution)	9.13	6.66	8.36	6.25	6.66
Water Activity*	0.75	0.74	0.75	0.75	0.74

Note: There are no Crustacean Allergens detected in our base white sea salts, as determined by ELISA testing for tropomyosin protein

MAJOR COMPOSITION

Calcium (%)	0.07	0.04	0.04	0.07	0.04
Chloride (%)	59.23	58.85	58.79	58.40	58.85
Iron (%)	See below	0.08	See below	See below	0.05
Magnesium (%)	0.14	0.15	0.16	0.07	0.15
Moisture** (%)	3.31	3.92	4.15	4.5	3.92
Potassium (%)	0.12	0.10	0.09	0.14	0.10
Settleable Solids (%)	0.01	0.62	0.28	0.06	0.62
Sodium (%)	36.73	35.94	36.08	36.51	35.94
Sulfate (%)	0.37	0.28	0.38	0.28	0.28
Other (%)	0.02	0.02	0.03	0.02	0.05
Total	100.00	100.00	100.00	100.00	100.00

TRACE COMPOSITION

Arsenic (ppm)	None Detected	None Detected	None Detected	None Detected	None Detected
Boron (ppm)	0.8	0.9	1.2	1.0	0.9
Bromide (ppm)	159	189	209	140	189
Cadmium (ppm)	< 0.001	<. 0.001	< 0.001	<. 0.001	<. 0.001
Copper (ppm)	0.07	0.79	0.10	0.07	0.79
Fluoride (ppm)	0.8	1.8	0.9	1.0	1.8
Iodine (total) (ppm)	< 0.10	0.14	< 0.10	< 0.10	0.14
Iron (ppm)	2.04	See above	2.9	2.93	See above
Lead (ppm)	0.03	0.12	0.05	0.02	0.12
Lithium (ppm)	0.09	0.12	0.09	0.06	0.12
Manganese (ppm)	1.5	9.0	2.0	3.9	9.0
Mercury (ppm)	None Detected	None Detected	None Detected	None Detected	None Detected
Molybdenum (ppm)	0.09	0.08	0.07	0.07	0.08
Nickel (ppm)	0.12	1.7	0.1	0.11	1.0
Phosphorus (ppm)	1.5	1.7	1.1	3.2	1.7
Rubidium (ppm)	0.08	0.05	0.04	0.05	0.05
Strontium (ppm)	12	9	13	15	9
Uranium (ppm)	None Detected	None Detected	None Detected	None Detected	None Detected
Zinc (ppm)	0.09	0.71	0.08	0.09	0.71

Abbreviations: % = percentage; ppm = parts per million; NA = not available

Note 1: *saturated solution at room temperature; **by difference

Note 2: Since we are blending granular sea salts, results may slightly vary from batch to batch.

Note 3: "None Detected" means that ENC Labs' sensitive equipment couldn't detect this particular element. The equipment used and elements tested have various threshold minimums, ranging from 0.001 ppm to 0.5 ppm.

All testing performed by ENC Labs, USA - the seawater and salt experts (www.enclabs.com)



HAWAII KAI[®]
CORPORATION

Composition Analysis

Palm Island Premium™ Sea Salts

	Organic Balsamic	Coffee	Lemon
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GENERAL

Sodium Chloride (%)	98.1	94.8	92.9
pH (10% solution)	4.79	5.25	2.28
Water Activity*	0.528	0.587	0.521
Ash Test (%)	96.2	91.9	95

MAJOR COMPOSITION

Calcium (%)	0.05	0.04	0.02
Chloride (%)	59.5	57.5	56.4
Magnesium (%)	0.12	0.22	0.04
Moisture** (%)	0.8	1.8	0.7
Potassium (%)	0.14	0.21	< 0.05
Sodium (%)	38.7	35.9	38.2
Sulfate (%)	0.35	0.37	0.13

TRACE COMPOSITION

Arsenic (ppm)	< 0.01	< 0.01	0.012
Cadmium (ppm)	< 0.01	< 0.01	< 0.01
Iron (ppm)	< 9.7	< 9.8	< 9.99
Lead (ppm)	0.0198	0.0114	0.016
Mercury (ppm)	< 0.01	< 0.01	< 0.01
Nickel (ppm)	0.044	0.066	0.86

MICROBIAL ANALYSIS

Standard Plate Count (CFU/g)	< 10	< 10	< 10
Staphylococcus Aureus (CFU/g)	< 10	< 10	< 10
Total Coliform (MPN/g)	< 3	< 3	< 3
Escherichia Coli (CFU/g)	< 10	< 10	< 10
Fecal Coliform (MPN/g)	< 3	< 3	< 3
Yeast Count (CFU/g)	< 10	< 10	< 10
Mold Count (CFU/g)	< 10	< 10	< 10

Abbreviations: % = percentage; ppm = parts per million; CFU/g = Colony Forming Unit per gram; MPN/g = Most Probable Number per gram.

Note 1: "The term "Less Than" or the symbol (<) is used to signify the lower limit of quantization of the procedure under the conditions employed.

The use of the term "Less Than" of (<) does not imply that traces of analyte were present.

All testings are performed by an independent third party laboratory in the USA.