WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

**Work Orders:** 8G23024

**Project:** Prop 65 Quarterly Testing

**Client:** Crystal Quest
55 Chastain Road, Ste. 100
Kennesaw, GA 30144

**Report Date:** 8/02/2018
**Received Date:** 7/19/2018
**Turnaround Time:** Normal
**Phones:** (770) 951-5600
**Fax:**
**P.O. #:**
**Billing Code:**

Enclosed are the results of analyses for samples received 7/19/18 with the Chain-of-Custody document. The samples were received in good condition, at 18.1 °C. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

## Sample Results

Sample: Smart Media
8G23024-01 (Solid)
Sampled: 07/13/18 15:17 by Client

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---|---|---|---|---|---|---|
| **Method:** EPA 6010B **Batch ID:** W8G1537 **Instr:** ICP03 | | **Prepared:** 07/26/18 15:41 | | | **Analyst:** JCK | |
| Aluminum, Total | ND | 500 | mg/kg | 100 | 07/30/18 15:05 | M-04 |
| Antimony, Total | ND | 200 | mg/kg | 100 | 07/30/18 15:05 | M-04 |
| Arsenic, Total | ND | 100 | mg/kg | 100 | 07/30/18 15:05 | M-04 |

Sample: GAC Media
8G23024-02 (Solid)
Sampled: 07/13/18 15:17 by Client

| Analyte | Result | MRL | Units | Dil | Analyzed | Qualifier |
|---|---|---|---|---|---|---|
| **Method:** EPA 6010B **Batch ID:** W8G1613 **Instr:** ICP03 | | **Prepared:** 07/27/18 16:37 | | | **Analyst:** JCK | |
| **Aluminum, Total** | **83** | 9.9 | mg/kg | 1 | 07/31/18 14:26 | |
| Antimony, Total | ND | 4.0 | mg/kg | 1 | 07/31/18 14:26 | |
| Arsenic, Total | ND | 2.0 | mg/kg | 1 | 07/31/18 14:26 | |



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## Quality Control Results

Metals (Non-Aqueous) by EPA 6000/7000 Series Methods

| Analyte | Result | MRL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: W8G1537 - EPA 3050B** | | | | | | | | | | |
| **Blank (W8G1537-BLK1)** | | | | **Prepared: 07/26/18** | **Analyzed: 07/30/18** | | | | | |
| Aluminum, Total | ND | 5.0 | mg/kg | | | | | | | |
| Antimony, Total | ND | 2.0 | mg/kg | | | | | | | |
| Arsenic, Total | ND | 1.0 | mg/kg | | | | | | | |
| **LCS (W8G1537-BS1)** | | | | **Prepared: 07/26/18** | **Analyzed: 07/30/18** | | | | | |
| Aluminum, Total | 55.5 | 5.0 | mg/kg | 50.0 | | 111 | 80-120 | | | |
| Antimony, Total | 55.4 | 2.0 | mg/kg | 50.0 | | 111 | 80-120 | | | |
| Arsenic, Total | 54.6 | 1.0 | mg/kg | 50.0 | | 109 | 80-120 | | | |
| **Matrix Spike (W8G1537-MS1)** | **Source: 8G23106-01** | | | **Prepared: 07/26/18** | **Analyzed: 07/30/18** | | | | | |
| Aluminum, Total | 715 | 5.0 | mg/kg | 49.0 | 700 | 29 | 75-125 | | | MS-02 |
| Antimony, Total | 53.9 | 2.0 | mg/kg | 49.0 | ND | 110 | 75-125 | | | |
| Arsenic, Total | 54.1 | 1.0 | mg/kg | 49.0 | ND | 110 | 75-125 | | | |
| **Matrix Spike Dup (W8G1537-MSD1)** | **Source: 8G23106-01** | | | **Prepared: 07/26/18** | **Analyzed: 07/30/18** | | | | | |
| Aluminum, Total | 640 | 5.0 | mg/kg | 49.0 | 700 | NR | 75-125 | 11 | 20 | MS-02 |
| Antimony, Total | 54.3 | 2.0 | mg/kg | 49.0 | ND | 111 | 75-125 | 0.6 | 20 | |
| Arsenic, Total | 54.3 | 1.0 | mg/kg | 49.0 | ND | 111 | 75-125 | 0.4 | 20 | |
| **Batch: W8G1613 - EPA 3050B** | | | | | | | | | | |
| **Blank (W8G1613-BLK1)** | | | | **Prepared: 07/27/18** | **Analyzed: 07/31/18** | | | | | |
| Aluminum, Total | ND | 5.0 | mg/kg | | | | | | | |
| Antimony, Total | ND | 2.0 | mg/kg | | | | | | | |
| Arsenic, Total | ND | 1.0 | mg/kg | | | | | | | |
| **LCS (W8G1613-BS1)** | | | | **Prepared: 07/27/18** | **Analyzed: 07/31/18** | | | | | |
| Aluminum, Total | 51.1 | 5.0 | mg/kg | 50.0 | | 102 | 80-120 | | | |
| Antimony, Total | 52.1 | 2.0 | mg/kg | 50.0 | | 104 | 80-120 | | | |
| Arsenic, Total | 50.8 | 1.0 | mg/kg | 50.0 | | 102 | 80-120 | | | |
| **Matrix Spike (W8G1613-MS1)** | **Source: 8G19085-02** | | | **Prepared: 07/27/18** | **Analyzed: 07/31/18** | | | | | |
| Aluminum, Total | 54.6 | 5.0 | mg/kg | 50.2 | 2.16 | 104 | 75-125 | | | |
| Antimony, Total | 51.9 | 2.0 | mg/kg | 50.2 | ND | 103 | 75-125 | | | |
| Arsenic, Total | 51.4 | 1.0 | mg/kg | 50.2 | ND | 102 | 75-125 | | | |
| **Matrix Spike Dup (W8G1613-MSD1)** | **Source: 8G19085-02** | | | **Prepared: 07/27/18** | **Analyzed: 07/31/18** | | | | | |
| Aluminum, Total | 54.1 | 5.0 | mg/kg | 49.1 | 2.16 | 106 | 75-125 | 0.8 | 20 | |
| Antimony, Total | 51.7 | 2.0 | mg/kg | 49.1 | ND | 105 | 75-125 | 0.3 | 20 | |
| Arsenic, Total | 51.6 | 1.0 | mg/kg | 49.1 | ND | 105 | 75-125 | 0.4 | 20 | |



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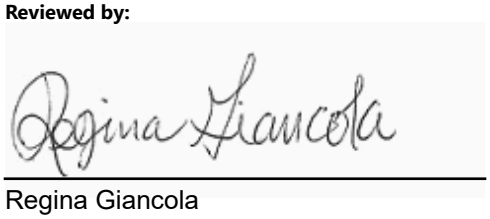
## Notes and Definitions

| Item | Definition |
|---|---|
| M-04 | Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution. |
| MS-02 | The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample. |
| ND | NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL. |
| Dil | Dilution |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| % Rec | Percent Recovery |
| Source | Sample that was matrix spiked or duplicated. |
| MDL | Method Detection Limit |
| MRL | The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR) |
| MDA | Minimum Detectable Activity |
| NR | Not Reportable |
| TIC | Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown. |

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

**Reviewed by:**



Regina Giancola
Project Manager

**DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015**

*This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.*



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