



# BRELJE AND RACE LABORATORIES, INC.

Providing quality laboratory analysis since 1967

May 11, 2022

Sample Collected: 04/06/22  
Sample Received: 04/06/22  
Collected By : Greg/Luciani  
Cc : e-mail

Luciani Pump  
30 Mill Street  
Healdsburg, CA. 95448

## Kowell


**LOG NUMBER:** 422-7440-2

Sample Description: @ Well

### ANALYSIS

Total Dissolved Solids mg/L (Std. Mthds. 2540 C, 2011)	170. - Good
pH Std. units (Std. Mthds. 4500-H <sup>+</sup> B, 2011)	6.3 - slightly acidic
Total Alkalinity as CaCO <sub>3</sub> mg/L (Std. Mthds. 2320 B, 2011)	84. - Good
Specific Conductance μmhos/cm @ 25°C (Std. Mthds. 2510 B, 2011)	280. - Good
Boron mg/L (EPA Mthd. 200.8)	<0.10 - Good
Calculated Hardness as CaCO <sub>3</sub> mg/L (Std. Mthds. 2340 B, 2011)	110. - mod. Hard
Iron μg/L (Std. Mthds. 3111 B, 2011)	700. - High
Manganese μg/L (EPA Mthd. 200.8)	<20. - Good
Calcium mg/L (Std. Mthds. 3111 B, 2011)	16. } no exact limit
Magnesium mg/L (Std. Mthds. 3111 B, 2011)	17. } but too high will
Sodium mg/L (Std. Mthds. 3111 B, 2011)	10. } burn plants & clog
Sodium Absorption Ratio	0.42 } emitters.

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SARA ROSAS, LABORATORY DIRECTOR  
SR:lja