

**White Labs - Education Dept.**

9495 Candida Street  
San Diego, CA 92126  
United States

**Sample ID:**    **Received:**    **Completed:**

59195                      01/08/2021                      01/13/2021

**Sample Type:** Beer

**Sample Name:** WLP066

**Testing Date:** 01/11/2021 12:24 PM

| Test                     | Method                  | Results | Units          | Comments |
|--------------------------|-------------------------|---------|----------------|----------|
| Alcohol by Volume (20°C) | ASBC Beer-4G            | 6.66    | Percent        |          |
| Alcohol by Weight        | ASBC Beer-4G            | 5.22    | Percent        |          |
| Apparent Extract         | ASBC Beer-4G            | 2.42    | Plato          |          |
| Apparent Attenuation     | ASBC Beer-4G            | 83.56   | Percent        |          |
| Real Extract             | ASBC Beer-4G            | 4.79    | Plato          |          |
| Real Degree Attenuation  | ASBC Beer-4G            | 69.25   | Percent        |          |
| Specific Gravity         | ASBC Beer-4G            | 1.009   | 20°C           |          |
| Original Extract         | ASBC Beer-4G            | 14.75   | Plato          |          |
| Calories                 | ASBC Beer-4G            | 196.02  | per 12 fl. oz. |          |
| Color                    | ASBC Beer-10A           | 7.61    | SRM            |          |
| pH                       | ASBC Beer-9             | 4.39    |                |          |
| 1-Propanol               | ASBC Beer-29 (Modified) | 39.26   | ppm            |          |
| 2,3 Pentanedione (As-Is) | ASBC Beer-25E           | <15     | ppb            |          |
| Acetaldehyde             | ASBC Beer-29 (Modified) | 142.89  | ppm            |          |
| Acetone                  | ASBC Beer-29 (Modified) | 0.62    | ppm            |          |
| Amyl Alcohol             | ASBC Beer-29 (Modified) | 161.77  | ppm            |          |
| Diacetyl (As-Is)         | ASBC Beer-25E           | 25.10   | ppb            |          |
| Ethyl Acetate            | ASBC Beer-29 (Modified) | 24.49   | ppm            |          |
| Ethyl Butyrate           | ASBC Beer-29 (Modified) | 0.13    | ppm            |          |
| Ethyl Hexanoate          | ASBC Beer-29 (Modified) | <0.1    | ppm            |          |
| Ethyl Octanoate          | ASBC Beer-29 (Modified) | 0.33    | ppm            |          |
| Isoamyl Acetate          | ASBC Beer-29 (Modified) | 0.96    | ppm            |          |
| Isobutanol               | ASBC Beer-29 (Modified) | 102.87  | ppm            |          |
| Isobutyl Acetate         | ASBC Beer-29 (Modified) | 0.17    | ppm            |          |
| Methanol                 | ASBC Beer-29 (Modified) | 2.63    | ppm            |          |
| Diacetyl (Total)         | ASBC Beer-25E           | 35.47   | ppb            |          |

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858-693-3441

**Reviewed By:**

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