

**White Labs - Education Dept.**

9495 Candida Street  
San Diego, CA 92126  
United States

**Sample ID: Received: Completed:**

59196 01/08/2021 01/13/2021

**Sample Type:** Beer

**Sample Name:** WLP644

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

Test	Method	Results	Units	Comments
Alcohol by Volume (20°C)	ASBC Beer-4G	6.51	Percent	
Alcohol by Weight	ASBC Beer-4G	5.09	Percent	
Apparent Extract	ASBC Beer-4G	2.6	Plato	
Apparent Attenuation	ASBC Beer-4G	82.23	Percent	
Real Extract	ASBC Beer-4G	4.91	Plato	
Real Degree Attenuation	ASBC Beer-4G	68.18	Percent	
Specific Gravity	ASBC Beer-4G	1.010	20°C	
Original Extract	ASBC Beer-4G	14.65	Plato	
Calories	ASBC Beer-4G	194.98	per 12 fl. oz.	
Color	ASBC Beer-10A	8.53	SRM	
pH	ASBC Beer-9	4.36		
1-Propanol	ASBC Beer-29 (Modified)	100.96	ppm	
2,3 Pentanedione (As-Is)	ASBC Beer-25E	<15	ppb	
Acetaldehyde	ASBC Beer-29 (Modified)	52.43	ppm	
Acetone	ASBC Beer-29 (Modified)	1.14	ppm	
Amyl Alcohol	ASBC Beer-29 (Modified)	166.27	ppm	
Diacetyl (As-Is)	ASBC Beer-25E	<15	ppb	
Ethyl Acetate	ASBC Beer-29 (Modified)	41.92	ppm	
Ethyl Butyrate	ASBC Beer-29 (Modified)	<0.1	ppm	
Ethyl Hexanoate	ASBC Beer-29 (Modified)	0.14	ppm	
Ethyl Octanoate	ASBC Beer-29 (Modified)	0.42	ppm	
Isoamyl Acetate	ASBC Beer-29 (Modified)	1.63	ppm	
Isobutanol	ASBC Beer-29 (Modified)	29.35	ppm	
Isobutyl Acetate	ASBC Beer-29 (Modified)	<0.1	ppm	
Methanol	ASBC Beer-29 (Modified)	3.05	ppm	
Diacetyl (Total)	ASBC Beer-25E	<15	ppb	

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858-693-3441

Reviewed By:

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