BUMBU
RUM COMPANY
1300 Old Skokie Valley Road, Suite B
Highland Park, IL 60035

30th May 2023
Issue No. 1

TECHNICAL SPECIFICATION REPORT FOR DISTILLED ALCOHOLIC BEVERAGES

PRODUCT INFORMATION

Main Category : Distilled Alcoholic Beverage
Category : Rum
Product Name : Bumbu The Original Rum With Natural Flavors
Other Technical Specifications : 40% Vol

Items	Units	Min.	Max.
Ethyl Alcohol	(%)	39.66	40.26
Methanol	(mg/l)		68

Date/Signature/Seal
Company Authorised for
Distribution Product

For and on behalf of
Bumbu Rum Company



Scott D. Cohen
VP Operations

Distillery Name:
The West Indies Rum Distillery Limited

Distillery Address:
Brighton, Black Rock, St. Michael BB 12051
BARBADOS, W.I.

Ingredients	%
Rum distilled from sugar cane molasses	41.4
Granulated sugar (sucrose)	4.6
Natural Flavors	1.45
Caramel color E150a	0.4
Water, to final alcohol % of 40%	52.15

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ETS LABORATORIES

LABORATORY REPORT # 1889936

Sovereign Brands
Attn: Scott D. Cohen
383 W Broadway
5th Floor
New York, NY 10012

Samples Received
9 May 2023 12:49 pm

Analysis Reported
15 May 2023 8:49 pm

305090446 Bumbu Rum Co. Bumbu The Original Rum with Natural Flavors Product of Barbados 40% Alc/Vol 700mL

Analyte	Result		Analysis Date	Method Reference
free sulfur dioxide	<4	mg/L	5/9/23	*A2LA Accredited Test - SOP# A024*
total sulfur dioxide	<10	mg/L	5/9/23	*A2LA Accredited Test - SOP# A024*
total acidity	0.3	g/L(tartaric)	5/9/23	*A2LA Accredited Test - SOP# W010*
pH	4.25		5/9/23	*A2LA Accredited Test - SOP# W009*
volatile acidity(acetic)	30	mg/100mL AA	5/9/23	*A2LA Accredited Test - SOP# A006*
total sugar (inverted)	45.8	g/L	5/10/23	*A2LA Accredited Test - SOP# A012*
alcohol at 20°C	39.96	% vol	5/11/23	*A2LA Accredited Test - SOP# W036*
alcohol at 60°F	39.88	% vol	5/11/23	*A2LA Accredited Test - SOP# W036*
true proof (AOAC)	79.76		5/11/23	*A2LA Accredited Test - SOP# W001*
total solids-calculation	4.53	g/100 mL	5/11/23	*A2LA Accredited Test - SOP# W036*
aldehydes (GC)	1.2	mg/100mL AA	5/10/23	*A2LA Accredited Test - SOP# G002*
esters (as ethyl acetate)	11.8	mg/100mL AA	5/10/23	*A2LA Accredited Test - SOP# G002*
methyl alcohol	6.8	mg/100mL AA	5/10/23	*A2LA Accredited Test - SOP# G002*
coefficient of congeners	49.9	mg/100mL AA	5/10/23	*A2LA Accredited Test - SOP# G002*
Higher Alcohols (Fusel Oils)				*A2LA Accredited Test - SOP# G002*
Acetaldehyde	1.2	mg/100mL AA	5/10/23	
Ethyl acetate	11.8	mg/100mL AA	5/10/23	
Methanol	6.8	mg/100mL AA	5/10/23	
Sec-butyl alcohol	<1.2	mg/100mL AA	5/10/23	
1-propanol	<1.2	mg/100mL AA	5/10/23	
Iso-butyl alcohol	<1.2	mg/100mL AA	5/10/23	
n-butanol	<1.2	mg/100mL AA	5/10/23	
Active amyl alcohol	<1.2	mg/100mL AA	5/10/23	
Iso amyl alcohol	<1.2	mg/100mL AA	5/10/23	
Furfural HPLC-UV	1.2	g/100mL AA	5/11/23	*A2LA Accredited Test - SOP# H022*
hydroxymethylfurfural (HPLC)	4.2	g/100mL AA	5/11/23	*A2LA Accredited Test - SOP# H022*
zinc (AA)	<0.60	mg/L	5/10/23	
lead (GFAA)	<6	mg/kg	5/12/23	*A2LA Accredited Test - SOP# M006*
ash	<0.01	g/100mL	5/12/23	*A2LA Accredited Test - SOP# W023*
Calories (kcal)	237	per 100mL	5/12/23	
carbohydrates	4.53	g/100mL	5/11/23	*A2LA Accredited Test - SOP# W038*
kilojoules (kJ) (AOAC 979.07)	991.6	per 100mL	5/12/23	
protein	0.02	%	5/15/23	
sum of furfural & hydroxymethylfurfural	5.4	mg/100mL AA	5/15/23	
appearance	correct		5/9/23	
arsenic (hydride AA)	<0.005	mg/L	5/12/23	*A2LA Accredited Test - SOP# M005*
artificial sweeteners LC/MS/MS (QQQ)				
Acesulfame K	Absent	mg/L	5/12/23	
Saccharin	Absent	mg/L	5/12/23	
Cyclamate	Absent	mg/L	5/12/23	
Aspartame	Absent	mg/L	5/12/23	
Sucralose	Absent	mg/L	5/12/23	

ETS Laboratories ● 899 Adams St.● Suite A ● St. Helena CA 94574 ● Tel: 707.963.4806 ● Fax: 707.963.1054 ● info@etslabs.com ● www.etslabs.com

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305090446 **Bumbu Rum Co. Bumbu The Original Rum with Natural Flavors Product of Barbados 40% Alc/Vol 700mL**

copper (AA)	<0.06	mg/L	5/10/23	*A2LA Accredited Test - SOP# M001*
density-densitometer	0.96644	g/mL	5/10/23	*A2LA Accredited Test - SOP# W001*
flavor and aroma	typical		5/10/23	
iron (AA)	<0.6	mg/L	5/10/23	*A2LA Accredited Test - SOP# M004*
reducing sugar-inverted	46.3	g/L	5/11/23	*A2LA Accredited Test - SOP# A012*
sodium (AE)	<10	mg/L	5/11/23	*A2LA Accredited Test - SOP# M008*
sorbic acid (HPLC)	none detected	.	5/10/23	*A2LA Accredited Test - SOP# H001*

Sorbic acid comment
detection limit = 1mg/L

fat
- not expected, or 0, per TTB Procedure 2004-1

The results in this report relate only to samples as submitted.

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E T S LABORATORIES
Benoit Largeteau
Chemist, Certified by the Alcohol and Tobacco Tax and Trade Bureau (TTB)

ilac-MRA A2LA ACCREDITED TESTING LABORATORY Certificate #1257-01

Gordon Burns
Technical Director

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