

**CERTIFICATE OF ANALYSIS**

VESSEL: BORA BORA  
 PRODUCT: NATURAL GASOLINE  
 DATE: 09 November, 2019  
 COQ #: 17-19  
 SAMPLE: FULL ANALYSIS - SHIP COMPOSITE

TESTS	ASTM #	Expected Properties		
API GRAVITY		80 MAX	71.22	
SPECIFIC GRAVITY	D1298-99		0.6980	
RVP psig 3 STARBOARD	D6378	13.5 MAX.	10.10	
TOTAL SULPHUR(ppmWS)	D5453	1200	441.40	
CU. CORROSION	D130-83	1A	1A	
PARAFFINS(vol%)	D6730		29.303	
ISO-PARAFFINS(vol%)	D6730		35.051	
OLEFINS(vol%)	D6730		0.114	
AROMATICS(vol%)	D6730		7.229	
NAPHTHENES(vol%)	D6730		27.657	
OXYGENATES(vol%)	D6730	50	0.000	
BENZENE(vol%)	D6730	5	1.457	
HYDROGEN SULFIDE(ppmWS)	GPA2199	10	0.000	
SAYBOLT COLOUR	D156	+20 MIN.	+30	
DISTILLATION	D86-05			DEG 'F
IBP/Deg.C			35.4	96
5% Rec./Deg.C			43.8	111
10% Rec./Deg.C			46.7	116
20% Rec./Deg.C			53.1	128
30% Rec./Deg.C			57.0	135
40% Rec./Deg.C			63.1	146
50% Rec./Deg.C			73.1	164
60% Rec./Deg.C			84.9	185
70% Rec./Deg.C			94.5	202
80% Rec./Deg.C			105.6	222
90% Rec./Deg.C			121.7	251
95% Rec./Deg.C			140.0	284
FBP Deg.C			171.3	340
Rec. Vol. %			99.9	
Residue Vol. %			0.1	
Loss Vol. %			0.0	

For Operations Specialist-Laboratory  
 or  
 Shift Supervisor

(Print) Name  
 Signature

TONY RAMOUTAR



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