



NATIONAL IRANIAN OIL COMPANY (NIOC)
RESEARCH INSTITUTE OF PETROLEUM INDUSTRY (RIPI)
CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT

LAVAN CRUDE OIL

TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892 & ASTM D5236)

Frac. No.	Boiling Range, °C	Yield, wt.%	Cumulative Yield, wt.%	Sp.Gr. @ 15.56/15.56 °C	Yield, vol.%	Cumulative Yield, vol.%
1	IBP-15	1.58	1.58	0.5740	2.33	2.33
2	15-65	4.64	6.22	0.6453	6.10	8.43
3	65-100	3.93	10.15	0.7093	4.70	13.13
4	100-125	4.09	14.24	0.7343	4.72	17.85
5	125-150	4.29	18.53	0.7592	4.79	22.64
6	150-175	6.06	24.59	0.7768	6.61	29.25
7	175-200	4.40	28.99	0.7923	4.71	33.96
8	200-225	4.69	33.68	0.8069	4.93	38.89
9	225-250	4.19	37.87	0.8209	4.33	43.22
10	250-275	4.65	42.52	0.8368	4.71	47.93
11	275-300	4.60	47.12	0.8516	4.58	52.51
12	300-325	5.25	52.37	0.8603	5.17	57.68
13	325-350	4.35	56.72	0.8781	4.20	61.88
14	350-385	5.65	62.37	0.8964	5.34	67.22
15	385-425	5.65	68.02	0.9179	5.22	72.44
16	425-450	3.50	71.52	0.9261	3.20	75.64
17	450-475	3.50	75.02	0.9370	3.17	78.81
18	475-500	3.57	78.59	0.9504	3.19	82.00
19	500-530	3.23	81.82	0.9588	2.86	84.86
20	530-565	3.70	85.52	0.9704	3.23	88.09
21	565+	14.48	100.00	1.0309	11.91	100.00