



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

SIRRI 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	1.54	1.54	0.5441	2.44	2.44
2	15-65	3.89	5.43	0.6517	5.14	7.58
3	65-100	4.67	10.10	0.7170	5.60	13.18
4	100-125	3.79	13.89	0.7428	4.39	17.57
5	125-150	4.12	18.01	0.7614	4.66	22.23
6	150-175	4.03	22.04	0.7776	4.46	26.69
7	175-200	4.10	26.14	0.7941	4.44	31.13
8	200-225	4.39	30.53	0.8108	4.66	35.79
9	225-250	4.05	34.58	0.8238	4.23	40.02
10	250-275	4.42	39.00	0.8505	4.47	44.49
11	275-300	4.69	43.69	0.8571	4.71	49.20
12	300-325	4.51	48.20	0.8736	4.44	53.64
13	325-350	4.50	52.70	0.8899	4.35	57.99
14	350-385	5.80	58.50	0.9133	5.46	63.45
15	385-425	6.60	65.10	0.9254	6.14	69.59
16	425-450	3.70	68.80	0.9373	3.40	72.99
17	450-475	3.60	72.40	0.9516	3.25	76.24
18	475-500	3.20	75.60	0.9571	2.88	79.12
19	500-530	3.90	79.50	0.9700	3.46	82.58
20	530-565	4.30	83.80	0.9804	3.77	86.35
21	565+	16.20	100.00	1.0211	13.65	100.00