



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

SOOROOSH 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	0.67	0.67	0.5480	1.15	1.15
2	15-65	2.13	2.80	0.6670	3.00	4.15
3	65-100	1.73	4.53	0.7115	2.29	6.44
4	100-125	1.64	6.17	0.7367	2.09	8.53
5	125-150	2.00	8.17	0.7577	2.48	11.01
6	150-175	2.14	10.31	0.7798	2.58	13.59
7	175-200	2.23	12.54	0.7956	2.64	16.23
8	200-225	2.21	14.75	0.8159	2.55	18.78
9	225-250	2.45	17.20	0.8263	2.79	21.57
10	250-275	2.74	19.94	0.8413	3.06	24.63
11	275-300	2.84	22.78	0.8561	3.12	27.75
12	300-325	2.74	25.52	0.8751	2.95	30.70
13	325-350	2.84	28.36	0.8921	3.00	33.70
14	350-385	4.43	32.79	0.9133	4.56	38.26
15	385-425	6.42	39.21	0.9382	6.44	44.70
16	425-450	4.04	43.25	0.9468	4.01	48.71
17	450-475	4.05	47.30	0.9534	4.00	52.71
18	475-500	3.45	50.75	0.9648	3.36	56.07
19	500-530	4.18	54.93	0.9755	4.03	60.10
20	530-565	5.02	59.95	0.9886	4.78	64.88
21	565+	40.05	100.00	1.0729	35.12	100.00