



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

**IRANIAN HEAVY 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	1.30	1.30	0.5493	2.08	2.08
2	15-65	3.41	4.71	0.6504	4.61	6.69
3	65-100	4.03	8.74	0.7121	4.97	11.66
4	100-125	3.17	11.91	0.7412	3.76	15.42
5	125-150	3.73	15.64	0.7617	4.30	19.72
6	150-175	3.75	19.39	0.7801	4.22	23.94
7	175-200	3.26	22.65	0.7920	3.62	27.56
8	200-225	4.19	26.84	0.8081	4.56	32.12
9	225-250	3.54	30.38	0.8307	3.74	35.86
10	250-275	4.15	34.53	0.8443	4.32	40.18
11	275-300	3.56	38.09	0.8543	3.66	43.84
12	300-325	4.01	42.10	0.8749	4.03	47.87
13	325-350	3.95	46.05	0.8848	3.92	51.79
14	350-385	5.34	51.39	0.8939	5.25	57.04
15	385-425	5.71	57.10	0.9225	5.44	62.48
16	425-450	3.90	61.00	0.9305	3.68	66.16
17	450-475	3.61	64.61	0.9469	3.35	69.51
18	475-500	3.61	68.22	0.9624	3.30	72.81
19	500-530	3.38	71.60	0.9741	3.05	75.86
20	530-565	3.90	75.50	0.9819	3.49	79.35
21	565+	24.50	100.00	1.0423	20.65	100.00