



Lanka IOC

SPECIFICATIONS FOR GASOLINE (95 UNL)

PROPERTY / TEST	TEST METHOD	SPECIFICATIONS
APPEARANCE		BRIGHT & CLEAR, FREE FROM WATER, VISIBLE IMPURITIES AND DYES ¹
DENSITY @ 15° C/kg/m ³	IP 160 / ASTM D 1298	725 - 785
REID VAPOUR PRESSURE @ 37.8° C kPa	IP 69 / ASTM D 323	45 - 60
RESEARCH OCTANE NUMBER (RON)	IP 237 / ASTM D 2699	MIN. 95
MOTOR OCTANE NUMBER (MON)	ASTM D 2700	MIN. 85
DISTILLATION IBP DEG C 10% EVAPORATION DEC C 50% EVAPORATION DEC C 90% EVAPORATION DEC C FBP DEC C RES., % VOLUME EVAPORATION @ 150° C%	IP 123 / ASTM D 86	REPORT 45 -70 80 – 125 MAX. 180 MAX. 215 MAX. 2.0 MIN. 75
DOCTOR TEST	IP 30 / ASTM D 4952	SWEET OR LESS THAN 15PPM RSH
TOTAL SULPHUR CONTENT % WT	ASTM D 4294	MAX. 0.05
LEAD CONTENT (g/l)	ASTM D 5059	MAX. 0.013 ²
EXISTENT GUM WASHED MG/100 ml	IP 131 / ASTM D 381	MAX. 5
OXYGENATE CONTENT VOL. % OR OXYGEN CONTENT (CALCULATED)	ASTM D 4815 ASTM D 4814	MAX. 15 MAX. 2.7% wt
OXIDATION STABILITY	IP 40 / ASTM D525	MIN. 480 MINUTES
CU-STRIP CORROSION 3 HRS @ 50°C	IP 154 / ASTM D 130	MAX. 1
BENZENE % (V/V)	ASTM D 3606	MAX. 2.5
TOTAL AROMATICS % (V/V)	ASTM D 5580	MAX. 40

1. Specify tagging components if any.
2. No intentional addition of metal based additives.

IMPORTANT:

- THERE SHALL BE NO INTENTIONAL ADDITION OF METAL COMPOUNDS CONTAINING FERROUS, MANGANESE & PHOSPOROUS.
- ADDITION OF ALCOHOL IS NOT PERMITTED