

QUALITY CERTIFICATE
 Nr. 163-2022PT

Gasoline - BA SUPER 95 E5 , STN EN 228 , EU origin

Parameter	Unit	Testing method	Measured Value	Limits
^D Octane Research Number	-	STN EN ISO 5164	95,7	95,0-97,9
^D Octane Motor Number	-	STN EN ISO 5163	85,2	min. 85,0
^D Lead content	mg/l	PP SV 5001 (STN EN 237)	<2,0	max. 5,0
^D Density at 15°C	kg/m ³	STN EN ISO 12185	751,4	720,0-775,0
^D Density at 15°C cor	kg/m ³	DIN 51650	750,3	DIN 51650
^D Sulphur content	mg/kg	PP SV 5004, STN EN ISO 20846	5,71	max. 10,0
^D Manganese content (Mn)	mg/l	STN EN 16135	<2,0	max. 2,0
^D Oxidation Stability	min	STN EN ISO 7536	>380	min. 360
^D Resin substances after washing with solvent	mg/100 ml	STN EN ISO 6246	1,0	max. 5
^D Copper Strip Corrosion	3h at 50°C	EN ISO 2160	1a	class 1
^D Visual characteristic	visual	Visual method	bright and clear	bright and clear
^D Hydrocarbon group content				
^D Olefins content	% (V/V)	STN EN ISO 22854	13,0	max. 18,0
^D Aromatics content	% (V/V)	STN EN ISO 22854	33,8	max. 35,0
^D Benzene content	% (V/V)	STN EN ISO 22854	0,41	max. 1,00
^D Oxygen content	% m/m	STN EN ISO 22854	<0,1	max. 2,7
^D Other oxygenates content				
^D Methanol content	% (V/V)	STN EN ISO 22854	0	max. 3,0
^D Ethanol content	% (V/V)	STN EN ISO 22854	0,11	max. 10,0
^D Isopropyl alcohol content	% (V/V)	STN EN ISO 22854	0	max. 12,0
^D Isobutyl alcohol content	% (V/V)	STN EN ISO 22854	0	max. 15,0
^D Terc-butyl alcohol content	% (V/V)	STN EN ISO 22854	0	max. 15,0
^D Ethers (5 or more carbon atoms)	% (V/V)	STN EN ISO 22854	0	max. 22,0
^D Other oxygenates	% (V/V)	STN EN ISO 22854	0	max. 15,0
^D ETBE content	% (V/V)	STN EN ISO 22854	0	min. 3,0
^D Vapour pressure (VP), C, D, kPa	kPa	STN EN 13016-1	58,6	50,0 – 90,0
^D Distillation to 70 °C	% (V/V)	STN EN ISO 3405	24,9	22,0 – 50,0
^D Distillation to 100 °C	% (V/V)	STN EN ISO 3405	46,0	46,0 - 71,0
^D Distillation to 150 °C	% (V/V)	STN EN ISO 3405	77,7	min. 75,0
^D Final boiling point	°C	STN EN ISO 3405	197,5	max. 210,0
^D Distillation residue	% (V/V)	STN EN ISO 3405	1,1	max. 2,0
^D Biocomponent	% (V/V)	PP INS 8002	0,11	min. 3,0

E – values taken from Accredited testing laboratory
 D – values taken from different – supplier certificates

Remarks : (*) Test was performed on multiple RTCs composite sample. All other tests were run on individual tank(s) composite sample(s) before loading into RTCs.

Certificate issued on : 30.09.2022
 Worked out by : Kocák Juraj