

**“Approved“ by Acting chief engineer of Ahal Gas to  
Gasoline plant of SC “Turkmengaz” /signature/ D.  
Ovezgeldiyev /seal: Ahal Gas to Gasoline plant of State  
Concern “Turkmengaz”/**

**“04”03.2020**

**SC “TURKMENGAZ”**

Production laboratory' of Ahal gas to gasoline plant  
(full name of the laboratory)

Certificate of Attestation \_\_\_\_\_  
(number and date of issue of certificate of accreditation (attestation))

Gasoline obtained from processing of natural gas brand ECO-93, party number 8, lot size  
2400 tons 04.03.2020

Name and type of product supplied for examination, the date of the examination TDS-1233-  
2019 Gasoline obtained from processing of natural gas. Technical conditions Ahal gas to  
gasoline plant

(name of the individual or legal entity that provided the product for examination)

**Sample position: 11-TKOI B**

**QUALITY PASSPORT No. 8**

No.	Name of indicators	Standard name	Standards	Actually	Regulator}' compliance
1	Octane quantity, not less:	Zeltex			
	-checking method		93	94.4	Conform
	-motor method		83	82.9	Conform
2	Lead concentration, mg / dm <sup>3</sup> , no more	TDS-32350- 2014	5	-	
3	Density at 15 °C, kg / m <sup>3</sup>	ASTM D4052- 96	720.0-775.5	743.2	Conform
4	Examination with a copper plate (3 hours at 50°C), scale unit	ASTM D130- 94	1 class	1a	Conform
5	Weight fraction of sulfur,%, no more	ASTM D5453- 93	0.0010	0.0001	Conform
6	Concentration of actual resins, mg per 100 ml of gasoline, not more	ASTMD381- 01	5	-	
7	Gasoline induction period, min, not less	GOST- IS07536- 15	360	-	
8	Volume fraction of benzene,%, no more	TDS-ISO 22854- 10	1.0	0.15	Conform
9	Volume fraction of methanol,%, no more		3.0	0	Conform
10	Volume fraction of ethanol,%, no more		5.0	0	Conform
11	Weight fraction of oxygen,%		2.7	-	
12	Manganese concentration, mg / dm <sup>3</sup>	TDS-33158- 2014	must not be		

13	Amount in composition of hydrocarbons,% volume, not more -olefins	TDS-ISO 22854-2016	18.0	9.59	Conform
	-aromatic hydrocarbons		35.0	31.3	Conform
14	Cloud point, °C, not more	T§- ASTM D25 00-11	-25	-25 does not grow cloudy	Conform
15	Appearance		Clean, transparent	Clean, transparent	Conform
16	Sanirated vapor pressure (Vapor pressure), kPa	T§ -ASTM D5191-04a	45-90	60	Conform
17	Steam density index (IPP), no more	TDS 12332019 cl.7.7			
	In summer		950	-	
	In winter		1250	-	
18	Initial boiling point, °C, not less	TDS-ISO 3405-2013	35	36.3	Conform
	Fractional boiling yield,% volume:				
	70 °C		22.0-50.0	27.9	Conform
	100 °C		46.0-71.0	49.4	Conform
	150 °C, not less		.75	75.2	Conform
	end of boiling. °C, not higher		210	203.6	Conform
	volume fraction of sediment in the flask,%, not more		2	1.1	Conform