



**Inspection Report No.:**
**PBZ-0082760EN from: 20-OCT-2025**
**hour: 10:59**

**Product:** Euro Diesel 5 without biofuel  
 Produced by OMV Petrom S.A. - member of OMV Group in Petrobrazi refinery  
**Lot:** 2602PE0536251020 Rez.68  
**Order:** 25037 from: 20.10.2025  
**Sample from:** 20.10.2025 02:18 sampled according to: EN ISO 3170  
**Complies with:** R50 Ed. 9 / Oct. 2025 & EN590, ULSD 10PPM

Parameter	Unit	Limit	Result	Method
Cifra Cetanica,CC		≥=51.0	52.3	EN 17155
Cetane index		≥=46.0	49.0	SR ISO 4264
Density at 15 ° C	kg/m3	815.0 - 841.5	837.0	SR EN ISO 12185
Poly-cyclic aromatic hydrocarbons	% m/m	≤=8,0	0.7	SR EN 12916
Sulphur content	mg/kg	≤=10.0	<3.0	SR EN ISO 20846
Manganese content	mg/l	≤=2,0	<0.5	EN 16576
Flash point	°C	>55.0	62.5	SR EN ISO 2719
Carbon residue (on 10% distillation residue)	% m/m	≤=0,30	0.04	SR ISO 10370
Ash content	% m/m	≤=0,010	0.0010	SR EN ISO 6245
Water content	% m/m	≤=0.020	0.004	SR ISO 12937
Total contamination	mg/kg	≤=24	<12	SR EN 12662
Cooper strip corrosion ( 3 h at 50°C)		class 1	1b	SR EN ISO 2160
Oxidation stability	g/m3	≤=25	9	SR EN ISO 12205
Lubricity corrected wear scar diameter (wsd 1.4) at 60°C	µm	≤=460	386	SR ISO 12156
Viscosity at 40°C	mm2/s	2.000 - 4.000	2.700	SR ISO 3104
Recovered at 250°C	%V/V	<65	45.2	SR EN ISO 3405
Recovered at 350°C	%V/V	>=85	96.3	SR EN ISO 3405
95%(v/v) evaporate at	°C	≤=360.0	342.6	SR EN ISO 3405
Numar de particule ≥= 4 µm	numar/ml	≤=10000	1684	IP 630
CFPP class			F	SR EN 116
Cold filter plugging point, CFPP	°C	≤=-22	-30	SR EN 116
Punct de turburare	°C	≤=-5	-9	SR EN ISO 3015
Electrical conductivity at temp.(T)	pS/m	>=50	144	ASTM D2624
Sample temperature in lab (T)	°C		23	ASTM D2624

**Additional information for invoicing**

Density at sample temperature (kg/m3) 837.0  
 Density at 15 ° C corrected to air (kg/m3) 835.9  
 Sample temperature (° C ) 15.0

**Head of QC Dept./Delegated responsible**

Digitally signed by  
**Ramona Matei**  
 Date: 2025.10.20 11:02:44 +03'00'

Petrobrazi Refinery  
 65 Trandafirilor Street, 107080, Brazi, Prahova, Romania  
 Quality Control Dept. - Gabriela Ion, gabriela.ion@petrom.com, +40 (728) 988 994

It is certified that the sample has been tested using the methods stated and that the lot represented by the sample complies with the specifications mentioned above.

Tests performed by Bureau Veritas SRL, Laborator incercari fizico-chimice Petrobrazi, accredited according to SR EN ISO/IEC 17025:2018 with certificate no. LI 1218 updated on 23.04.2025.