



## QUALITY REPORT

Report number: 14001/00014147/25  
 Place of sampling: Gdański Terminal Gazowy  
 Sample object: shore tank no 10  
 Product: propane  
 Sample type: general  
 Date of sampling: 17.02.2025; 06:55 hrs  
 Sample number: 17488985  
 Customer reference number: WGT No: 31/02/2025  
 Testing completed: 17.02.2025  
 Date of issue: 17.02.2025

NAME	METHOD	UNIT	RESULT
C1	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
C2	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	0,6
C3	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	97,9
C4	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	1,5
C5	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Total olefines content	PN-EN 27941:2015-12	mg/kg	11224
1,3-butadiene content	PN-EN 27941:2015-12	mg/kg	<10
Methane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Ethane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	0,6
Ethene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Propane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	96,8
Propadiene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Propene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	1,1
i-Butane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	0,9
n-Butane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	0,6
Trans-2-butene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
1-Butene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
i-Butene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Cis-2-Butene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
2,2-Dimethylpropane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
i-Pentane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
1,2-butadiene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
n-Pentane	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
1,3-butadiene	PN-EN 27941:2015-12 <sup>1</sup>	% m/m	<0,1
Total sulphur content	PN-EN 17178:2020-01 <sup>1</sup>	mg/kg	3,0
Residue of mineral oil	PN-EN 15471:2017-08	mg/kg	<20
Density at 15,6 °C	PN-C-96008:1998	t/m <sup>3</sup>	0,508
Absolute vapour pressure at -15 °C	PN-C-96008:1998	MPa	0,300
Absolute vapour pressure at 40 °C	PN-C-96008:1998	MPa	1,402
Absolute vapour pressure at 70 °C	PN-C-96008:1998	MPa	2,593
Calorific value	PN-C-96008:1998	kJ/kg	46350
Hydrogen sulfide content	PN-EN ISO 8819:2000 <sup>1</sup>	-	not detected
Water content	PN-C-96008:1998	-	not detected
Odour	PN-EN 589:2024-08 Annex A <sup>1</sup>	-	distinctive and unpleasant
Copper strip corrosion (1 h at 40 °C)	PN EN ISO 6251:2001 <sup>1</sup>	-	class 1

### Remarks:

Sample was taken from the tank as above in accordance with EN ISO 4257:2001<sup>1</sup>.

<sup>1</sup> Accredited method, PCA Accreditation no AB 1278.

This report reflects only the findings at the time and place of the inspection and testing.

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Results approved by: Kamil Borsuk

Signed by: Joanna Daraszkiwicz

Issued by: Saybolt Poland sp. z o. o.