

QUALITY REPORT

Report number: 14001/00008100/21
 Place of sampling: Gdański Terminal Gazowy
 Sample object: shore tank no 13
 Product: propane
 Sample type: general
 Date of sampling: 14.10.2021; 13:20 hrs
 Sample number: 12263883
 Customer reference number: WGT No: 04/10/2021
 Testing completed: 14.10.2021
 Date of issue: 14.10.2021

NAME	METHOD	UNIT	RESULT
C1	PN-EN 27941:2015-12	% m/m	<0,1
C2	PN-EN 27941:2015-12	% m/m	0,5
C3	PN-EN 27941:2015-12	% m/m	99,1
C4	PN-EN 27941:2015-12	% m/m	0,4
C5	PN-EN 27941:2015-12	% m/m	<0,1
Total olefines content	PN-EN 27941:2015-12	ppm	<100
1,3-butadiene content	PN-EN 27941:2015-12	ppm	<100
Methane	PN-EN 27941:2015-12	% m/m	<0,1
Ethane	PN-EN 27941:2015-12	% m/m	0,5
Ethene	PN-EN 27941:2015-12	% m/m	<0,1
Propane	PN-EN 27941:2015-12	% m/m	99,1
Propadiene	PN-EN 27941:2015-12	% m/m	<0,1
Propene	PN-EN 27941:2015-12	% m/m	<0,1
i-Butane	PN-EN 27941:2015-12	% m/m	0,3
n-Butane	PN-EN 27941:2015-12	% m/m	0,1
Trans-2-butene	PN-EN 27941:2015-12	% m/m	<0,1
1-Butene	PN-EN 27941:2015-12	% m/m	<0,1
i-Butene	PN-EN 27941:2015-12	% m/m	<0,1
Cis-2-Butene	PN-EN 27941:2015-12	% m/m	<0,1
2,2-Dimethylpropane	PN-EN 27941:2015-12	% m/m	<0,1
i-Pentane	PN-EN 27941:2015-12	% m/m	<0,1
1,2-butadiene	PN-EN 27941:2015-12	% m/m	<0,1
n-Pentane	PN-EN 27941:2015-12	% m/m	<0,1
1,3-butadiene	PN-EN 27941:2015-12	% m/m	<0,1
Total sulphur content	PN-EN 17178:2020-01	mg/kg	1,1
Residue of mineral oil	PN-EN 15471:2017-08	mg/kg	<20
Density at 15,6 °C	PN-C-96008:1998	t/m ³	0,507
Absolute vapour pressure at -15 °C	PN-C-96008:1998	MPa	0,299
Absolute vapour pressure at 40 °C	PN-C-96008:1998	MPa	1,399
Absolute vapour pressure at 70 °C	PN-C-96008:1998	MPa	2,596
Calorific value	PN-C-96008:1998	kJ/kg	46360
Hydrogen sulfide content	PN-EN ISO 8819:2000	-	not detected
Water content	PN-C-96008:1998	-	not detected
Odour	PN-EN 589:2019-04 Annex A	-	distinctive
Copper strip corrosion (1 h at 40 °C)	PN EN ISO 6251:2001	-	class 1

Remarks:

Sample was taken from the tank as above in accordance with EN ISO 4257:2001.

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

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Signed by: Kamil Borsuk
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