

Analytical Report

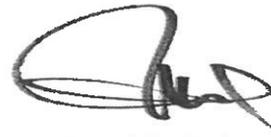
Client : Methanex Asia Pacific Limited
 Your Ref. : P22-20011001
 Date of Job : 17-18th April 2022
 Ship : MT "BOW NEON"
 Cargo : Methanol in bulk
 Terminal : Pyeongtaek, South Korea
 Installation : SP Tank Terminal
 Date of Report : 19th April 2022

The followings are the results of analysis performed by SGS laboratory with the running sample of shore tank(s) after discharge which drawn by SGS inspector.

TEST ITEM	UNIT	METHOD	Specification		TEST RESULTS
			MIN	MAX	A104
Appearance		IMPCA 003	Clear & free		Clear & free
Pt-Co Colour	Pt-Co	ASTM D1209		5	3
Purity (on dry basis)	wt%	IMPCA 001	99.85		>99.99
Ethanol	mg/kg	IMPCA 001		50	8
Acetone	mg/kg	IMPCA 001		30	<5
Water	wt%	ASTM E1064		0.1	0.009
Distillation range at 760 mm Hg	°C	ASTM D1078		1.0	0.3
IBP	°C		To include 64.6		64.5
DP	°C				64.8
Specific Gravity at 20/20 °C		ASTM D4052	0.791	0.793	0.7927
Potassium Permanganate at 15 °C	min	ASTM D1363	60		>60
Carbonizable Substances	Pt-Co	ASTM E346(Part B)		30	5
Acidity as acetic acid	mg/kg	ASTM D1613		30	9
Hydrocarbons		ASTM D1722	Pass		Pass
Non Volatile matter	mg/1000ml	ASTM D1353		8	3
Chloride as Cl	mg/kg	IMPCA 002		0.5	<0.25
Sulphur	mg/kg	ASTM D5453		0.5	<0.5
Iron	mg/kg	ASTM E394		0.1	0.02
Benzene	mg/kg	IMPCA 001	Report		Free

Remark) < = Less than, > = More than

Pyeongtaek, South Korea 19th April 2022
 SGS Korea Co., Ltd.



Namcheol Moon / Senior Inspector
 Natural Resources
 Oil, Gas & Chemical Commodities

Note: The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the above results. Users of analytical results, when establishing conformance with commercial or regulatory requirements should note the full provisions of ASTM D3244, IP 367 and ISO 4259 in that context, the default confidence level of petroleum testing having been set at the 95% confidence level. Your attention is specifically drawn to Sections 7.3.6., 7.3.7 and 7.3.8 of ASTM D3244. With respect to the UOP methods listed in the report above the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.