

REPORT OF ANALYSIS No 65298

Date : 28/12/2020 (DD/MM/YYYY)
Date of analysis : 28/12/20

Customer : Methanex Europe S.A./N.V.
Waterloo Office Park - Building P
Drève Richelle 161 - box 31
B-1410 Waterloo
Belgium
To the attention of : METHANEX Europe S.A./N.V.

OPERATION : MEDALTA ADVENTURER

Job Number : 13/2012074
Your ref : V67
Product : Methanol
Lab number: 231220-003498

Port : LAVERA
Terminal : ALKION
Date of sampling : 28/12/2020 (DD/MM/YYYY)
Origin : Shore tank R46

Test Method	Test	Result	Unit	Spec
ASTM D 4052	Density			
	density at 20°C	791.5	kg/m ³	Report
	Density 20/20	0.7929 ✓	Kg/l	0.7910 - 0.7930
IMPCA 003-98	Aspect	CLSMS	-	CLSMS
IMPCA 002-98	Chloride content	<0.25	mg/kg	0.50 max
ASTM D 1209	Hazen colour	5 ✓		5 max
ASTM E 1064	Water content	0.018	% m/m	0.100 max
ASTM D 1722	Hydrocarbon test	pass test		Pass Test
ITS CPG 5890	Methanol Purity			
	Purity on dry basis	99.98 ✓	%wt	99.84 min
	Acetone content	<10 ✓	ppm	30 max
	Ethanol content	<10 ✓	ppm	50 max
ASTM D 1363	Permanganate time	>60 ✓	min	60 min
ASTM D 1613	Acidity (as CH ₃ COOH)	22 ✓	mg/kg	30 max
ASTM D 1078	Distillation			
	initial point	64.4 ✓	°C	Report
	dry point	64.6 ✓	°C	Report
	Distillation range	0.2 ✓	°C	1 max
ASTM E 394	Total iron	<0.1 ✓	mg/kg	0.1 max
ASTM D 1353	Non volatil matter	<0.8 ✓	mg/100mL	0.8 max
ASTM E 346	Carbonisables matter	10 ✓	COTATION	30 max
NFM 07-059	Sulfur content	<0.5 ✓	mg/kg	0.5 max

Ce certificat d'analyses est celui fourni par le producteur pour le dernier lot vrac reçu avant conditionnement Univar.
Il vous est transmis à titre d'information.



REPORT OF ANALYSIS No

65298

Date : 12/28/2020 (DD/MM/YYYY)



Comment : Produit conforme selon les spécifications IMPCA de Décembre 2015 / Product conform according to IMPCA specifications updated December, 2015

This report is valid only for the sample tested. To declare or not the compliance, uncertainty associated to the results was not taken into account. Full or partial reproduction of this report is prohibited without approval of the laboratory. The results apply to the sample as received.
This report is issued by Intertek in accordance with its General Terms and Conditions of Sale (Copy available upon request).

Marie Martin

Chemist

Electronic report

END OF REPORT