

Date: 25-Sep-2024

## Certificate of Quality JBL24-05878.001

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 document is issued under the Company's General Conditions of Service (copy available upon request or on the company website at [www.sgs.com](http://www.sgs.com)). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. This report shall not be reproduced except in full, without the written approval of the laboratory.

This laboratory is accredited under ISO/IEC 17025. The results reported herein have been performed in accordance with the laboratory's term of accreditation except calibrations/tests marked with an asterisk (\*) and (+) in this report which are not within the scope of accreditation for our laboratory.

|                 |                                                                                            |                      |                   |
|-----------------|--------------------------------------------------------------------------------------------|----------------------|-------------------|
| Client ID:      | CONTRACT                                                                                   | Vessel:              | BOW CAPRICORN     |
| Location:       | Jubail, KSA                                                                                | Product Description: | Methanol          |
| Sample Source:  | Shore Tank(s)                                                                              | Source ID:           | 821-A             |
| Sample Type:    | Before Loading                                                                             | Sampled By:          | SGS               |
| Sampled:        | 22-Sep-2024 21:00                                                                          | Received:            | 22-Sep-2024 22:05 |
| Analysed:       | 23-Sep-2024 03:17                                                                          | Completed:           | 23-Sep-2024 03:24 |
| Replicate:      | 0001                                                                                       |                      |                   |
| Report Comment: | <b>Sample meets the below specifications.</b><br>CFSM - Clear & free from suspended matter |                      |                   |

The reported finding is based on method/s and/or procedure/s which is/are now obsolete/withdrawn. For this reason SGS accepts no responsibility and/or liability for the validity or accuracy of the result produced by the use of this/these test method/s, which has/have been used at the specific request of our principal(s).  
The reported unit is not as per the method expression of result unit. The unit has been used at the specific request of our principal(s).

The Decision Rule, as required by ISO17025:2017, applied for the accredited methods.

| Property                                         | Method      | Result Unit   | Min   | Max   |
|--------------------------------------------------|-------------|---------------|-------|-------|
| Appearance of Methanol *                         | IMPCA 003   | CFSM --       | CFSM  | --    |
| Purity and Impurities of Methanol                | IMPCA 001   |               |       |       |
| Purity (on dry basis) *                          |             | 99.98 % (m/m) | 99.85 | --    |
| Acetone *                                        |             | <5 mg/kg      | --    | 30    |
| Ethanol *                                        |             | 6 mg/kg       | --    | 50    |
| Platinum Cobalt Colour *                         | ASTM D1209  | 3 Pt/Co Scale | --    | 5     |
| Water Content by Coulometric KF *                | ASTM E 1064 | 0.013 % (m/m) | --    | 0.1   |
| Distillation Range of Volatile Organic Compounds | ASTM D1078  |               |       |       |
| Distillation Range (DP-IBP) *                    |             | 0.4 °C        | --    | 1     |
| Relative Density (SG) at 20/20°C *               | ASTM D4052  | 0.7926 --     | 0.791 | 0.793 |
| Permanganate Time of Methanol at 15°C *          | ASTM D1363  | 75 min        | 60    | --    |
| Sulfur Content                                   | ASTM D5453  | <0.5 mg/kg    | --    | 0.5   |

Issued By

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