



RAYONG LABORATORY ADDRESS :
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CERTIFICATION OF ANALYSIS
(Raw Gas - CO2 Specifications)

REPORT DESCRIPTION :

Table with 2 columns: Field Name (REPORT No., ANALYSIS No., SERVICE ORDER AGREEMENT No., EXPORT INVOICE No. or PO No. / DATE) and Value/Status.

CUSTOMER DESCRIPTION :

Table with 2 columns: Field Name (CUSTOMER NAME, CUSTOMER ADDRESS, TEL. No. / FAX. No., Attn. to) and Value/Status.

SAMPLE DESCRIPTION (By Customer) :

Table with 2 columns: Field Name (SAMPLE TYPE, SAMPLE POINT / LOCATION, SAMPLING DATE, SAMPLING TIME, SAMPLING By) and Value/Status.

ANALYSIS DESCRIPTION :

Main analysis table with columns: TEST PARAMETER, UNIT, TEST METHOD, ISBT Reference no., TEST RESULT, DL, SPECIFICATION. Includes a large 'Sample' watermark.

TEST PARAMETER	UNIT	TEST METHOD	ISBT Reference no.	TEST RESULT	DL	SPECIFICATION
n-propyl Mercaptan*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-
t-butyl Mercaptan*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-
Dimethyl Disulfide	ppm v/v	Inhouse method ⁴	ISBT 13.0	2.1	0.05	-
Sec-Butyl Mercaptan*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-
Diethyl Sulfide*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-
n-butyl Mercaptan*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-
Isobutyl Mercaptan*	ppm v/v	GC - SCD	ISBT 13.0	nd	0.05	-

Note :

- (1) Inhouse method WI-LAB08 based on International Society of Beverage Technologists (ISBT) 3rd Revision, 09 Mar 2019, Procedure 10.0
- (2) Inhouse method WI-LAB06 based on ASTM D8098-17.
- (3) Inhouse method WI-LAB03 based on International Society of Beverage Technologists (ISBT) 3rd Revision, 09 Mar 2019, Procedure 12.0
- (4) Inhouse method WI-LAB04 based on International Society of Beverage Technologists (ISBT) 3rd Revision, 09 Mar 2019, Procedure 13.0
- (5) Inhouse method WI-LAB05 based on International Society of Beverage Technologists (ISBT) 3rd Revision, 09 Mar 2019, Procedure 11.0

(*) Test marked "Not TISI Accredited" in this certificate are not included in the TISI Accreditation schedule for our laboratory.

- The reported uncertainty is an expanded uncertainty calculated using a coverage factor of k=2 which gives a level of confidence of approximately 95%

DL = Detection Limit. nd = less than the detection Limit. million = parts per million. ppb = parts per billion. na = not available.

Review by :

Approved by :

Remark :

- Partial duplication of this certificate without documentary permission from Laboratory is prohibited.
- This certificate is valid only for the test and mentioned sample(s).
- The laboratory disclaims responsibility for the information is supplied by the customer and can affect the validity of results.
- The certificate that the results apply to the sample as received.
- The laboratory does not have a policy to reporting opinions, interpretations and statements of conformity.
- The laboratory disclaims in the report indicating which results may be affected by the deviation.