

GASOLINE / Code material DI-GA-008

CERTIFIED REFERENCE MATERIAL CERTIFICATE

AUTOMATIC DISTILLATION

% Evaporated	Certified value of RR	Expanded Uncertainty (k=2) of Certified value	Certificate Number
Initial Boiling point	31.5 °C	3.5 °C	24071901
5%	43.8 °C	4.0 °C	
10%	48.2 °C	3.0 °C	
20%	54.7 °C	2.0 °C	
30%	60.5 °C	2.0 °C	
40%	66.1 °C	2.0 °C	
50%	85.7 °C	2.0 °C	
60%	105.1 °C	2.0 °C	
70%	119.8 °C	2.0 °C	
80%	133.1 °C	2.0 °C	
90%	149.0 °C	2.0 °C	
95%	163.0 °C	5.0 °C	
Final Boiling Point	178.5 °C	4.0 °C	

Production Date: April 2024

Expiration date of use written on the identification label present on the original certificate and on the bottle

CERTIFIED VALUE

This value, is assigned to a property of a reference material accompanied by uncertainty and declaration of metrological traceability, identified as such in the certificate of the material of certified reference.

EXPANDED UNCERTAINTY

The reported Expanded Uncertainty is based on a combined standard Uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of 95%.

METROLOGICAL TRACEABILITY – TESTS METHODS – PROCEDURE OF CERTIFICATION

The certified reference values and their uncertainties are based solely on the exploitation of the results of analyzes obtained by methods recognized by ASTM, ISO, IP, AFNOR and other associated organizations. This CRM (Certified Reference Material) is certified according to an Inter-laboratory Circular (ILC) Testing approach with ISO 17025 accredited laboratories, using different models of automated and manual testers.

The test methods used in the ILC for determining the certified value are ISO 3405, ASTM D 86

The certified value of this CRM can be used with the following test methods: ISO 3405, ASTM D 86, IP 123

All results and data are saved and stored for 10 years.

This CRM is produced in compliance with the requirements of ISO 33401, ISO 33405 and ISO 17034, and in accordance with the calculated tolerances, using ISO 5725 standard for determining the accuracy of the data.

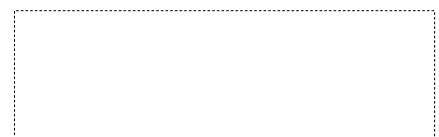
During the period of validity, the purchaser will be notified if this CRM is recalled due to any significant changes in the stability of the product.

DESCRIPTION – MATRIX

Petroleum matrix, packaged and delivered in bottles of 250 ml

INTENDED USE

- To calibrate or adjust the measuring instruments;
- To carry out the internal quality control of the measurements;
- To estimate the uncertainties;
- To validate the methods of analysis.



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TRANSPORT AND STORAGE CONDITION RECOMMENDED

This CRM must be transported in condition of temperature not exceeded + 60°C.

This CRM shall be stored in a temperature between +2°C and +8°C.

RECOMMENDATION AND INSTRUCTION OF USE

This CRM intends to confirm the accuracy of an instrument and / or procedure of the analytical method concerned. Before performing the tests in accordance with the method, the sample must be thermally conditioned according to the specifications of the applied standard. Take care to homogenize the contents of the bottle before opening, without shaking. Certification is only valid for samples with freshly opened bottles. Destroy the amount of unused sample. Certification is not valid for reused samples.

Respect the latest version of the standard used. Observe all preparation conditions and test conditions specified by the standard. Check that the device complies with the manufacturer's specifications before the test.

HOMOGENEITY

This CRM was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO 33405. Replicate samples of the finished product were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability.

HYGIENE PRECAUTION AND SAFETY

It is the responsibility of the user of the reference material to establish appropriate safety and health practices and to determine the applicability of the regulatory limits prior to use. It is the responsibility of the user of the reference document to read the safety data sheet provided with the CRM on request, or available on our website. UN code and other safety codes are listed on front bottle label.

DISCLAIMER

Although this Standard is certified accurate, neither the manufacturer nor the distributors accept any responsibility for the subsequent damages as the result of using this Standard.

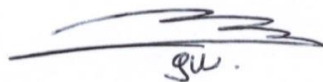
User customers can request additional data from us according to their own needs.

Please send us any information, comment, or request to the address contact@rofafrance.com

July 2024

Quality Manager

Nathale GEROME



Version 00