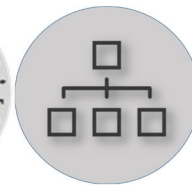


# DCC - Delta Coal Control GmbH Industries Proficiency test 2021/22



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#1000: Parameter/ Methods

Reflectance Measurements according to DIN 22020-5 / ISO 7404-5 / ASTM D 2798

Vitrinite Reflectance R<sub>m</sub>

Reflectance distribution (histogram)

Maceral Analysis according to DIN 22020-3 / ISO 7404-3 / ASTM D 2799

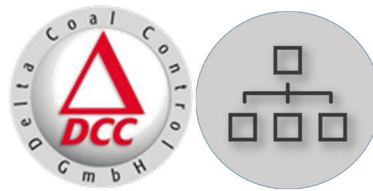
The macerals are counted under the microscope and reported by volume percent.

#1012B: Parameter/ Methods

Microscopy of barbecue charcoal briquettes

Testing for unacceptable additives according to DIN EN 1860-2

# DCC - Delta Coal Control GmbH Industries Proficiency test 2021/22



The DCC Proficiency tests are carried out according to DIN EN ISO/IEC 17043.
Statistical evaluation of the data is done on the basis of methods of robust statistics (Hampel-estimator, Q-method, is defined in ISO/ TS 20612 (2007), DIN 38402-A45 (09-2013), ISO 5725 and DIN ISO 13528).
For the final assessment of the laboratory performance takes place a Zu-score calculation. With a result $ Zu  \leq 2,04$ the Proficiency Test is successful. Individual case decisions (Expert evaluation) reserve.
The proficiency tests are anonymous. Each laboratory gets an own changing labcode-number.
Deadline for registration Industries Proficiency test: The registration is possible throughout the year. (Please use order Email to <a href="mailto:order@dcc-germany.org">order@dcc-germany.org</a> )
Samples shipping: Industries Proficiency test: The sample shipment takes place throughout the year.
Deadline for reporting the results Industries PT: no later than 2 months after sample shipment to <a href="mailto:report@dcc-germany.org">report@dcc-germany.org</a>
The results are registered into the download Excel files (Table 1) ( <a href="http://www.dcc-germany.org/en/downloads">http://www.dcc-germany.org/en/downloads</a> .)
Please don't change or close the filled Excel files. Additions are to be registered only in the lower part of the files.
Final report Industries Proficiency test: after four weeks.
Only the investigations are accomplished, which are usual in the participating laboratory. Subcontract assignment is to be marked.
The test methods are specified in the Download Excel Files. Deviating test methods must be indicated. Comparable CEN/EN/ISO/ASTM-standards or identical national standards, instrumental methods and in-house method are allowed.
With the participation the laboratory recognizes expressly the terms of transaction (DCC 03 EN.pdf) on. <a href="http://www.dcc-germany.org/sites/www.dcc-germany.org/files/DCC_03_EN.pdf">http://www.dcc-germany.org/sites/www.dcc-germany.org/files/DCC_03_EN.pdf</a>
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Price*: All prices are net prices, stated in Euro, and are exclusive of the statutory VAT.
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Project leader: Dr. Georg Szczendzina; Fon: +49 (0)209-1658-9429, Email: <a href="mailto:info@dcc-germany.org">info@dcc-germany.org</a>

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