



Comprehensive testing of ready-to-use Döhler Microsafety Design (DMD®) culture media in compliance with

# ISO 11133

Ensuring and monitoring product quality are of vital importance especially, in the food industry. To secure product quality, Döhler guarantees reliable quality control of the Döhler Microsafety Design (DMD®) culture media in line with the ISO 11133 standard. All ready-to-use culture media produced by Döhler are intensively tested in compliance with the ISO 11133, with the results documented on the analysis certificate of each culture medium. Döhler thus guarantees the functionality of these culture media. As a result, you, do not need to perform comprehensive testing – a simple incoming goods analysis is enough.



# 01 | What is the ISO 1133 standard?

ISO 1133 guarantees the quality of culture media used for microbiological analysis of food and beverages. These include food and feed, as well as all types of water. In addition, ISO 1133 is increasingly becoming important for microbiological quality control of alcoholic beverages. The criteria are defined internationally, ensuring reliable execution and results for customers around the world.

# 02 | How does ISO 1133 work?

The ISO standard defines which tests have to be performed by the producer and by the customer as part of their quality control. Different tests are required depending on whether the culture media are in powder form for further processing or the producer supplies them ready-to-use. If ready-to-use culture media are tested by the producer, you do not need to conduct your own comprehensive testing.

# 03 | What is the aim of the ISO 1133 standard?

The aim of ISO 1133 is to standardise microbiological quality control using culture media in the food and beverage industry. This ultimately makes the consumption of food and beverages safer for end consumers.

## 04 | What are the advantages for you?

Reliability and assured quality are the key benefits customers gain from testing in line with the ISO 11133 standard. Microbiological culture media have to be analysed following these strict guidelines. Defined values have to be met and maintained during tests. If not, the culture media cannot be sold. Once all the criteria have been met, this is documented in a Certificate of Analysis (CofA), which guarantees that tests have been performed in line with the ISO 11133.

## 05 | ISO compliance at Döhler

All culture media at Döhler are monitored in line with this high standard, in order to guarantee customers outstanding product quality and reliable results. The ready-to-use DMD® portfolio enables microbiological analysis of products across the entire beverage market, from water to non-alcoholic and alcoholic beverages. In addition, DMD® culture media can be used to comprehensively examine and reliably analyse foods such as fruit fillings and dairy-based products.



# About Döhler

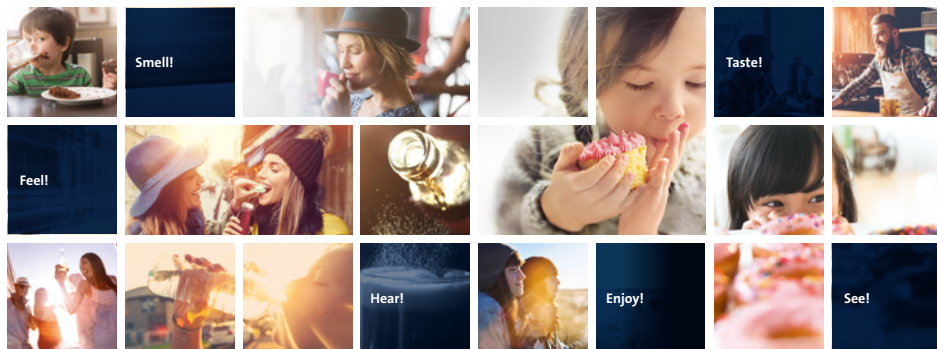
Döhler ([www.doehler.com](http://www.doehler.com)) is a global producer, marketer and provider of technology-driven Natural Ingredients, Ingredient Systems and Integrated Solutions for the food and beverage industry. Döhler's integrated approach and the broad product portfolio are the optimal basis for innovative and safe food & beverage applications. The product portfolio of Natural Ingredients ranges from natural flavours, natural colours, health & nutrition ingredients, cereal ingredients, dairy ingredients, speciality ingredients, dry ingredients, fruit & vegetable ingredients to Ingredient Systems.

**"WE BRING IDEAS TO LIFE."** briefly describes Döhler's holistic, strategic and entrepreneurial approach to innovation. This comprises market intelligence, trend monitoring, the development of innovative products and product applications, advice on food safety and microbiology, food law as well as Sensory & Consumer Science.



Headquartered in Darmstadt, Germany, Döhler is active in over 130 countries and has 30 production sites, as well as sales offices and application centres on every continent. More than 6,000 dedicated employees provide our customers with fully integrated food & beverage solutions from concept to realisation.

## Inspire your consumers with unique Multi-Sensory Experiences®



### DÖHLER GmbH

Riedstr. 7-9 | 64295 Darmstadt | Germany  
Phone +49 6151 306-0 | Fax +49 6151 306-278

[www.doehler.com](http://www.doehler.com) | [www.we-bring-ideas-to-life.com](http://www.we-bring-ideas-to-life.com)  
[mailbox@doehler.com](mailto:mailbox@doehler.com) | [facebook.com/doehlergroup](https://facebook.com/doehlergroup)  
[twitter.com/doehlergroup](https://twitter.com/doehlergroup)