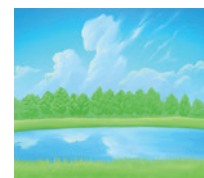


CompactDry × Natural Mineral Waters



Natural Mineral Waters in Europe

People in Europe drink Mineral Waters for HEALTH. In Europe, "Bottled Waters" is clearly categorized according to the European Federation of Bottled Waters;

- 1; Natural mineral waters originate from protected underground water sources and must be safe to drink at source, in its natural state, without disinfection or chemical treatment.
- 2; Spring water must be microbiologically safe and wholesome to drink and where it must be bottled directly at source without disinfection or any chemical treatment.
- 3; Bottled drinking water, also known as

"table water" , is commonly treated and disinfected for taste. Purification by chemical and physical treatment.

Germany had the highest number of natural mineral waters with 821 certified natural mineral water sources.

(<https://www.statista.com/statistics/455444/natural-mineral-waters-europe/>)

Rosbacher, Appolinaris, Gerolsteiner, Überkinger ,Adelholzener are famous suppliers of the natural mineral waters from Germany.

(<https://germanfoods.org/> ;German Mineral Water Sources and Brands)



Microbiological Control

Natural mineral waters & Spring waters must be controlled microbiologically, instead these are bottled from the sources directly without disinfection. Suppliers comply with "the microbiological criteria and specific labelling requirements of European Communities(Natural Mineral Waters, Spring Waters and Other Waters In Bottles or Containers)Regulations,2007(S.I.No.225 of 2007)".

Coliforms, E.coli, Enterococci, P.aeruginosa are inspected regularly in general.

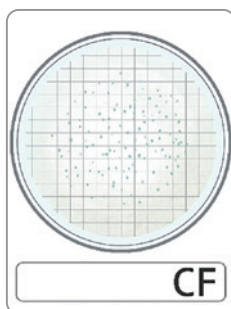
(Sources; Food Safety Authority of Ireland/ Microbiology Safety of Bottled Water [10NS2])



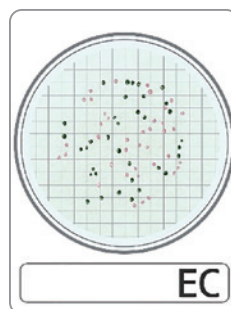
Applications

In CompactDry Culture Media, the necessary parameters on Natural Mineral Waters are fully lined-up with a validation certification of MicroVal.

MicroVal is a certification validated by ISO16140-2 that is the alternative microbiology method against the reference ISO method.



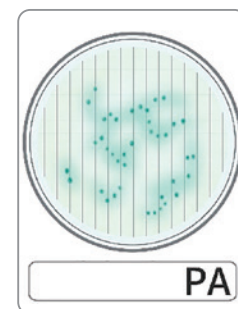
Coliforms



E.coli,



Enterococci



P.aeruginosa

MICROVAL® 
NEN

Manufacturer

Shimadzu Diagnostics Corporation

Address: 20th floor, Ueno Frontier Tower 3-24-6, Ueno, Taito-ku, Tokyo Japan

Web: <https://corp.sdc.shimadzu.co.jp/english/>