

DRRR GmbH · Reinhartser Straße 31 · D-87437 Kempten

Herr Otto Rothenaicher
Q-tec Prüfgeräte GmbH
Bergstr. 2
84367 Zeilarn
Germany

**DRRR-Proficiency Testing
RVEP 250348 Shore-A-Hardness
ISO 48-4 and ISO 868**

Dear participant

Thank you very much for participating in our proficiency testing.

Your lab code number is: 16

We hope, that we will meet your laboratory in the next proficiency testing round again. Registrations for our program are possible any time using our online system (ODIN) or the registration forms on our homepage: www.DRRR.de

For questions do not hesitate to contact us.

Yours sincerely

Stefanie Beyer

date: 12.09.2025

your contact person:
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Deutsches Referenzbüro für Ringversuche und
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place of business: Kempten
commercial registry: HRB 9496
local court: Kempten
managing director:
Dr. rer. nat. Ulrich Leist
Thorsten Helbig M.Eng.

CERTIFICATE FOR PARTICIPATION

DRRR Proficiency Testing

The participant

Q-tec Prüfgeräte GmbH
Bergstr. 2
84367 Zeilarn
Germany

Customer number: 17851

lab code number: 16

gets for the above mentioned quantitative proficiency
testing the following valuation:

excellent performance

To the above mentioned proficiency testing the corresponding report contains the
statistical evaluations.

Kempten, 12.09.2025



Stefanie Beyer

Valuation:

If the mean of z'-scores of all evaluated
results is smaller than 2 or equal and
single z'-scores are smaller than 2 or
equal you will get the valuation: „excellent
performance“

If the above criteria for the rating "excellent
performance" are not fulfilled, you will
receive the rating: "participated".

For all mean value calculations of the z'-
score in this certificate, only their amounts
are used.

Summary of your quantitative lab performance according to the reference method(s)

For your company
Q-tec Prüfgeräte GmbH

SUMMARY

customer number: 17851
lab code number: 16
number of z'-scores: 2
number of z'-scores > 2: 0

Valuation:

If the mean of z'-scores of a parameter is smaller than 2 or equal you will get the valuation:
"You performed very well. Keep your performance."

If the mean of z'-scores of a parameter is smaller than 2 or equal but at least one single z'-score is higher than 2 you will get the valuation:
"You performed well. In particular cases you showed potential for improvement."

If the mean z'-score of a parameter is higher than 2 you will get the valuation:
"You showed potential for improvement of your performance."

parameter	number of z'-scores:	number of z'-scores > 2:	mean of z'-scores:	Valuation:
Shore-A-Hardness	2	0	0,16	You performed very well. Keep your performance.