

# Certificate of Conformance

with the Standard AS/NZS 1270:2002  
for Acoustics - Hearing Protectors

**PZT GmbH**  
Accredited Test Laboratory

|                      |                                                                            |                 |         |
|----------------------|----------------------------------------------------------------------------|-----------------|---------|
| Certificate no.      | <b>CoC-1052415-1</b>                                                       |                 |         |
| Company              | Elacin International B.V.                                                  |                 |         |
|                      | Minervum 7032<br>4817 ZL Breda<br>Netherlands                              |                 |         |
| Product              | Earplug                                                                    |                 |         |
| Trade Name(s)        | Hears                                                                      |                 |         |
| Model Name           | Plus                                                                       |                 |         |
| Requirements         | AS/NZS 1270:2002, Australia/New Zealand,<br>Acoustics - Hearing Protectors |                 |         |
| Documentary Evidence | Test report:                                                               | 1052415-1 Rev.0 |         |
|                      | Issue date:                                                                | 2025-01-06      |         |
| Test Result          | SLC <sub>80</sub> :                                                        | 24 dB           | Class 4 |

The validity of this Certificate will expire, if the manufacturer modifies the relevant properties of this product with comparison to the tested one or if the requirements in the standards or technical rules will be revised and/or tightened. Name and address of the test laboratory and Notified body PZT can be indicated in the information brochure of this product.

This certificate is only valid in conjunction with the following annex (pages: 1).



Wilhelmshaven, 2025-01-07

Signed by Stefanie Ahlrichs  
Notified Body

## Real Ear Attenuation

### Mean Reference Thresholds [dB]

|           | Octave band centre frequency [Hz] |      |     |      |      |      |      |
|-----------|-----------------------------------|------|-----|------|------|------|------|
|           | 125                               | 250  | 500 | 1000 | 2000 | 4000 | 8000 |
| Mean [dB] | 21.6                              | 12.2 | 4.3 | 1.1  | 2.0  | -1.1 | 7.9  |

## Result

Sound attenuation values for each subject

| Subject-ID         | Frequency [Hz] |      |      |      |      |      |      |
|--------------------|----------------|------|------|------|------|------|------|
|                    | 125            | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 1                  | 29.3           | 21.0 | 17.0 | 20.0 | 26.3 | 18.3 | 23.0 |
| 2                  | 17.3           | 17.0 | 19.4 | 30.3 | 36.7 | 25.3 | 22.0 |
| 3                  | 21.0           | 24.3 | 24.6 | 27.0 | 26.3 | 24.0 | 24.7 |
| 4                  | 22.0           | 19.6 | 20.7 | 25.7 | 35.6 | 34.3 | 25.7 |
| 5                  | 23.0           | 26.4 | 27.0 | 28.0 | 43.0 | 28.6 | 24.7 |
| 6                  | 28.0           | 24.3 | 26.0 | 25.0 | 39.7 | 31.3 | 33.4 |
| 7                  | 31.7           | 27.7 | 30.0 | 25.4 | 26.7 | 33.0 | 38.0 |
| 8                  | 27.0           | 21.0 | 22.3 | 21.3 | 29.4 | 27.3 | 27.0 |
| 9                  | 28.0           | 26.0 | 26.4 | 25.4 | 30.3 | 22.7 | 25.3 |
| 10                 | 23.0           | 21.7 | 22.0 | 23.0 | 33.0 | 29.6 | 24.0 |
| 11                 | 25.0           | 27.0 | 25.0 | 27.0 | 35.0 | 32.3 | 25.0 |
| 12                 | 19.7           | 21.0 | 21.4 | 20.3 | 35.4 | 26.3 | 42.3 |
| 13                 | 30.6           | 20.3 | 22.0 | 24.0 | 40.3 | 24.3 | 24.4 |
| 14                 | 27.0           | 22.7 | 18.4 | 24.3 | 36.0 | 26.7 | 26.3 |
| 15                 | 25.3           | 23.4 | 17.7 | 27.3 | 35.0 | 27.3 | 27.7 |
| 16                 | 21.6           | 20.0 | 23.3 | 24.3 | 32.6 | 25.0 | 28.0 |
| 17                 | 30.4           | 25.7 | 20.4 | 24.7 | 41.0 | 32.0 | 40.7 |
| 18                 | 21.6           | 20.0 | 20.3 | 21.3 | 40.0 | 20.3 | 27.4 |
| 19                 | 33.3           | 27.0 | 27.3 | 30.4 | 40.0 | 36.0 | 36.3 |
| 20                 | 21.4           | 17.7 | 19.7 | 23.7 | 33.7 | 22.3 | 23.0 |
| Mean               | 25.3           | 22.7 | 22.5 | 24.9 | 34.8 | 27.3 | 28.4 |
| Standard Deviation | 4.4            | 3.2  | 3.6  | 2.9  | 5.1  | 4.8  | 6.2  |

|           |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|
| Mean - SD | 20.9 | 19.5 | 18.9 | 22.0 | 29.7 | 22.5 | 22.2 |
|-----------|------|------|------|------|------|------|------|