

Certificate of Conformance

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

PZT GmbH

Accredited Test Laboratory and European Notified Body CE 1974

Certificate no.	CoC-1052405-1		
Company	Elacin International B.V.		
	Minervum 7032 4817ZL Breda The Netherlands		
Product	Earplug		
Trade Name(s)	Hears		
Model Name	One		
Requirements	AS/NZS 1270:2002, Australia/New Zealand, Acoustics - Hearing Protectors		
Documentary Evidence	Test report:	1052405-1 Rev.0	
	Issue date:	2024-05-07	
Test Result	SLC ₈₀ :	19 dB	Class 3

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.

The certificate date of expiry is: 2034-05-09

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

Wilhelmshaven, 2024-05-08



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]	23.2	14.1	5.4	2.5	0.9	-1.2	8.3

Result

Sound attenuation values for each subject

Subject-ID	Frequency [Hz]						
	125	250	500	1000	2000	4000	8000
1	17.3	16.0	20.0	19.7	20.6	24.6	12.7
2	17.7	16.0	18.3	22.0	20.0	26.3	20.4
3	17.3	14.6	16.0	21.3	21.0	22.3	21.0
4	19.0	15.7	10.7	18.3	26.0	21.0	23.0
5	17.7	15.3	13.3	24.0	23.6	26.0	20.7
6	22.0	19.3	16.6	20.3	21.6	24.0	24.0
7	22.0	15.3	19.6	19.7	21.6	29.0	17.7
8	28.6	20.0	18.3	23.6	23.7	28.0	22.6
9	19.3	22.4	15.0	25.6	29.0	31.7	25.7
10	28.0	25.3	22.4	22.3	23.3	30.3	27.0
11	25.0	21.7	23.0	27.4	31.4	35.0	18.7
12	18.0	20.7	20.7	24.3	29.7	27.3	17.0
13	23.7	21.7	17.7	23.7	24.0	28.3	18.0
14	24.0	18.6	18.0	24.0	30.7	26.0	15.0
15	21.3	22.0	16.6	20.4	18.6	22.0	14.0
16	21.0	17.0	14.0	21.0	20.4	26.6	16.7
17	13.7	14.3	14.0	21.7	20.0	25.0	14.0
18	13.0	11.4	14.0	18.6	30.0	26.4	12.6
19	16.7	18.0	14.3	21.0	22.3	30.4	17.3
20	17.4	15.0	18.3	21.3	17.6	24.4	19.0
Mean	20.1	18.0	17.0	22.0	23.8	26.7	18.9
Standard Deviation	4.2	3.5	3.2	2.4	4.3	3.4	4.2

Mean - SD	15.9	14.5	13.8	19.6	19.5	23.3	14.7
-----------	------	------	------	------	------	------	------