Issued to:

[redacted]

Notified Body: 2777

SATRA customer number: P24063

EU Type-Examination Certificate

Certificate number: [redacted]

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation. It has been issued Under Module B of Regulation 2016/425 on personal protective equipment. This product group has been shown to satisfy the applicable essential health and safety requirements as a Category III product.

Product reference:	Description:
[redacted]	Disposable PU foam tapered uncorded ear plugs sizing 5-11 mm
[redacted]	Disposable PU foam tapered corded ear plugs sizing 5-11 mm
[redacted]	Disposable PU foam tapered Metal detectable PVC/Brass corded ear plugs sizing 5-11 mm
[redacted]	Disposable PU foam tapered uncorded ear plugs sizing 5-10 mm
[redacted]	Disposable PU foam tapered corded ear plugs sizing 5-10 mm
[redacted]	Disposable PU foam tapered Metal detectable PVC/ Brass corded ear plugs, 5-10 mm
[redacted]	Disposable PU foam T-shape uncorded ear plugs sizing 5-10 mm
[redacted]	Disposable PU foam T-shape corded ear plugs sizing 5-10 mm
[redacted]	Disposable PU foam T-shape Metal detectable PVC/ Brass corded ear plugs, 5-10 mm

Classification:

[redacted] — **SNR** = 38 dB, **H** = 37 dB, **M** = 36 dB, **L** = 32 dB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	30.1	34.2	41.0	41.7	38.2	45.2	45.7
Standard Deviation (dB)	3.9	4.0	4.1	4.7	3.0	4.1	4.6
Assumed protection (dB)	26.2	30.2	36.9	37.0	35.2	41.0	41.1

SNR_M = 40.8 dB, H_M = 40.1 dB, M_M = 39.5 dB, L_M = 36.0 dB

SNR_S = 2.9 dB, H_S = 2.9 dB, M_S = 3.2 dB, L_S = 3.6 dB

[redacted] — **SNR** = 37 dB, **H** = 37 dB, **M** = 35 dB, **L** = 30 dB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	28.7	32.2	39.6	40.5	37.9	42.2	46.3
Standard Deviation (dB)	3.6	5.2	5.4	4.3	2.9	3.1	5.4
Assumed protection (dB)	25.1	27.0	34.2	36.2	35.0	39.1	40.9

SNR_M = 39.5 dB, H_M = 39.4 dB, M_M = 38.1 dB, L_M = 34.0 dB

SNR_S = 2.5 dB, H_S = 2.5 dB, M_S = 2.9 dB, L_S = 3.6 dB

[redacted] — **SNR** = 36 dB, **H** = 34 dB, **M** = 34 dB, **L** = 34 dB

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	37.9	32.8	39.8	43.4	38.7	37.4	45.5	47.4
Standard Deviation (dB)	5.5	4.4	5.2	5.7	4.7	5.6	4.7	4.5
Assumed protection (dB)	32.4	28.4	34.6	37.6	34.0	31.8	40.8	42.9

SNR_M = 40.1 dB, H_M = 38.8 dB, M_M = 38.4 dB, L_M = 37.8 dB

SNR_S = 4.3 dB, H_S = 4.8 dB, M_S = 4.3 dB, L_S = 4.1 dB

Standards/Technical specifications applied:
EN 352-2:2020

Technical reports/Approval documents:
Intertek: 190725089GZU-001
Michael & Associates: Q6493A, Q6499A, Q6954A

Signed on behalf of SATRA: Geoff Graham

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