

## SLC80 Standards Test Results

*This Certificate details the results of Hearing Protector testing carried out by The National Acoustic Laboratories*

NAL Certificate No: 021201 Test Series: 135

Device Tested: E.A.R. Inc "Insta-mold" pre-moulded silicone earplugs.

Manufacturer: E.A.R. Inc.

Date Tested: 5th December 2002 to 22nd December 2002

Test Commissioned By: Earmold Australia (Adelaide, Australia)



*This hearing protector device has been tested for mechanical and sound attenuation characteristics using the same methods outlined in Australian and New Zealand Standard AS/NZS 1270-1999. Assistance was provided in fitting the device prior to testing.*



All tests were conducted in accordance with SLC80 AS/NZS 1270-1999 Standards performed by: Australian Hearing National Acoustic Laboratories December 2002.

Mean Reference Thresholds re 20µPa						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
32.7	22.7	13.2	8.8	7.3	2.7	12.2

Subject ID	Real-ear attenuation values (dB) at designated octave frequencies						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
S1	30	28	26	23	40	47	51
S2	22	20	24	20	30	45	31
S3	27	30	20	23	38	39	42
S4	23	23	24	25	38	50	51
S5	30	28	25	18	22	39	38
S6	29	27	28	25	43	37	40
S7	36	38	28	29	30	41	28
S8	31	35	25	22	33	55	45
S9	15	12	27	24	27	46	35
S10	28	33	26	29	35	46	47
S11	31	35	40	37	36	39	38
S12	15	22	25	23	30	41	38
S13	26	28	32	26	40	45	44
S14	19	22	29	27	31	43	42
S15	25	22	25	28	37	48	43
S16	31	33	30	43	36	46	54
S17	19	20	17	19	38	39	43
S18	35	33	33	28	36	47	37
S19	29	27	27	28	39	45	43
S20	24	17	22	17	26	50	30
S21	30	30	29	25	31	51	50
Mean	26.3	25.2	26.8	25.8	34.0	44.5	41.4
Standard Deviation	6.0	6.6	4.8	5.9	5.1	4.6	6.9
Mean minus SD	20.3	19.8	22.0	19.9	28.8	38.9	34.5



Accredited for AS/NZS 1270:1999  
Registered Lab No. 5472

SLC80 Rating	25
CLASS	4