

TEST REPORT

Product	hearing aid
	ootek Vupotek Vupotek Vupotek Vupotek Vupotek
Model	M.: Market JH-D19-F
Applicant	: HUIZHOU JINGHAO MEDICAL TECHNOLOGY CO.,LTD
Manufacturer	: HUIZHOU JINGHAO MEDICAL TECHNOLOGY CO.,LTD
Test sort	: Entrustment inspection

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Marking

- 1. The test report is invalid without the official stamp of test center.
- Nobody is allowed to photocopy or partly photocopy this test report without written permission of test center.
- 3. The test report is invalid without the signatures of testing engineer, reviewer and approver.
- 4. The test report is invalid if altered.
- 5. Objections to the test report must be submitted to test center within 15 days.
- 6. The test report is valid for the tested samples only.
- 7. Asfor test verdict, "—"means "no need for judgment" "N/A" means "not applicable".

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Applicant : HUIZHOU JINGHAO MEDICAL TECHNOLOGY CO.,LTD

Address FLOOR 6, HUICHENG INDUSTRY BUILDING, NO.9 HUIFENG DONG'ER

ROAD, ZHONGKAI HIGH-TECH ZONE, HUIZHOU, GUANGDONG, CHINA

Report on the submitted sample(s) said to be:

Sample Name : hearing aid

Model : JH-D19-F

Trademark : /

Description : /

Manufacturer : HUIZHOU JINGHAO MEDICAL TECHNOLOGY CO.,LTD

Factory : HUIZHOU JINGHAO MEDICAL TECHNOLOGY CO.,LTD

Other information : /

Sample(s) received

Date : 2018.07.10

Testing period : 2018.07.10 - 2018.07.18

Report Date : 2018.07.18

Test Conclusion:

Section No.	Test Name	Test Method	Evaluation
1	IPX8	IEC 60529:2013	Spotett P And

Smood Thou

Prepared by:

Name: Moon Liu

Title: Test Engineer

Moon Live

Checked by:

Name: Jimmy Zhou

Name: Leo Li

Title: Lab Manager Title: Authorized signatory

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pproved by:

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1. Test standards

IEC 60529:2013 Degrees of protection provided by enclosures(IP Code)

2. Conformity verification-Summary of inspection

porek	Vuposes Vuposek Vupose Vupose Vuposes Vup		Test result		
Clause	Summary of inspection	N/A.	P	ek E	
Aupole	TESTS FOR PROTECTION AGAINST SOLID	Aupo	rek	otek	
× 13	FOREIGN OBJECTS INDICATED BY THE	1			
	FIRST CHARACTERISTIC NUMERAL	K P.	pore.	VUP.	
i o k	TESTS FOR PROTECTION AGAINST WATER	rek	Aupoier	PUPE	
14	INDICATED BY THE SECOND CHARACTERISTIC		V	Anb	
	NUMERAL	Upo C	NA.	, K	
	Aupo, Y. Potek Puposer, Vupo, rek Potek	Aupole	AUR	Yer	

Test case verdicts:

N/A.: Test case does not apply to the test object

P: Test item does meet the requirement

F: Test item does not meet the requirement

2.1 Environmental Conditions:

Environmental Temperature: 15°C~35°C

Relative Humidity: 25%~65% Pressure: 86kpa~106kpa

2.2 Test equipment:

Equipment Name	Equipment No.	Model	Validity Period
Water proof test system	SE-1154	GR-IPX8A	2018.08.24

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3. Test information and results

V. VIII	notek	Aupotek	IEC 60529:2013	Vun Stek	Anbotek A	upos P
Clause	hotek	Aupotek	Requirement-Test	K VUD.	Result-Remark	Verdict

-potek	TESTS FOR PROTECTION AGAINS	T SOLID FOREIGN OR IECTS	INDICATED BY	
13	THE FIRST CHARACTERISTIC NUM		INDICATED DI	V. V.
13.1	Test means	K Auporer Hupo	Vupojek Vupo	- 4°
Nun	Test means and the main test condition	Sporek AL	por -k	
ick bus	Tab.VII-7 Test means for the tests for Foreign objects	k Anbotek	Vuporek	
Table 7	First characteristic numeral	Test means	Test force	-100°
bojek	Aupore Aug O Jek Puporek	No test required	Upole - Vupo	N/A
Anbotek Anbotek	lek Anbotek Anbotek Anbotek	Rigid sphere without handle or guard 50mm diameter	50 N ± 10 %	N/A
lotek Vi	Anbotek Anbotek Anbotek Anbotek	Rigid sphere without handle or guard 12.5mm diameter	30 N ± 10 %	N/A
Aupotek Vupos	k Anbotek Anbotek Anbotek Anbotek	Rigid steel rod 2.5mm diameter with edges free from burrs	3 N ± 10 %	N/A
r Au	otek Anbotek Anbotek Ant	Rigid steel wire 1mm diameter with edges free from burrs	1 N ± 10 %	N/A
upotek	Anbotek Anbotek Anbotek	Dust chamber Fig.2,with or without underpressure	rupotek - Aupotek	N/A
Anbote	Anbotek 6 Anbotek Anbote	Dust chamber Fig.2,with underpressure	Aupotek Vupo	N/A
13.2	Test conditions for first characteristic	numerals 1, 2, 3, 4	r potek	N/A
ootek b	The object probe is pushed against a with the force specified in table 7.	stek Mupotek	N/A	
13.3	Acceptance conditions for first characteristics	eteristic numerals 1, 2, 3, 4	upoten Aupo	N/A
Aupotek Vunnantek	The protection is satisfactory if the ful specified in table 7 does not pass through any opening.	Aupotek Aupo	N/A	

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*posek	IEC 60529:2013	Motek Aupotek Mupo	ek "poj,
Clause	Requirement-Test	Result-Remark	Verdict
Anbo	Vupos tek Posek Vuposes Vuposes	Vuposek Vupose Vu	hotek
13.4	Dust test for first characteristic numerals 5 and 6	First characteristic	N/A

13.4	Dust test for first characteristic numerals 5 and 6	First characteristic numeral is 6	N/A
, botek	The test is made using a dust chamber incorporating the basic principles shown in figure 2 whereby the power circulation pump may be replace by other means suitable	tek Vupotek Vupotek Vupotek Vupotek	olek Vupo
Anbor	to maintain the talcum powder in suspension in a closed test chamber. The talcum powder used shall be able to		N/A
*ek	pass through a square-meshed sieve the nominal wire diameter of which is 50 and the nominal width of a gap between wires 75µm. The amount of talcum powder to be		Anbotek
'upotek	used is 2Kg per cubic metre of the test chamber volume. It shall not have been used for more than 20 tests.		Tesk Anbo.
Vupote,	Enclosures are of necessity in one of two categories:	ote, Vibotek W	1,010 K
An	Category1: Enclosures where the normal working cycle of the equipment causes reductions in air pressure within the		Aupotek
,e ^k	enclosure below that of the surrounding air, for example, due to thermal cycling effects.		V Vupore
Anbotek	Category 2:Enclosures where no pressure difference relative to surrounding air is present.	stek Aupotek Aupot	Dick Pur
Anbot	Category 1 enclosures: The enclosure under test is supported inside the test		Aupotek
k Au	chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure		Anbore
otek otek	by a vacuum pump. The suction connection shall be made to a hole specially provided for this test.		N Aubc
Anbote	A volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of		N/A
Anb	60 volumes per hour. In no event shall the depression exceed 2 kPa(20 mbar) on the manometer shown in figure		Vuposek
tek	2.		Anbo
hotek	Category 2 enclosures:	ok Vuposes Vupo	tok An
Aupore	The enclosure under test is supported in its normal operating position inside the test chamber, but is not		"posek
Ann	connected to a vacuum pump. Any drain-hole normally open shall be left open for the duration of the test. The test		Yuporg
ek	shall be continued for a period of 8h.		Anbote

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14	TESTS FOR	PROTECTION AGA CHARAC	INST WATER IN TERISTIC NUME		THE SECOND	
14.1	tek Wupos	Test means	tek Yupo	A. Lotek	Vupose, Vup	* ° / -
A.	The test mea	ns and the main test of given in the table 8	conditions are	iek Vupofek	Wypolek V	Vupoje _k
oo ^{tek}	10 M	Table 8 d main test conditions rotection against wate		Vupotek Vupo.	Potek Vipotek	V V V V V V V V V V V V V V V V V V V
Anbot	Second Characteristic numeral	Test means	Water flow rate	Duration of test	Test conditions	Pupotek Dotek
rek k	Anbote O Ant	No test required	Aupotek Au	lofek - Vupofi	otek Anbotek	N/A
nbotek Anbote	k Anbotek Anbotek	Drip box Fig.3 Enclosure on turntable	1 mm/min	10 min	14.2.1	N/A
rek Vup	nbotek Anbotek Anbotek	Drip box Fig.3 Enclosure in 4 fixed positions of 15°tilt	3 mm/min	2.5 min for each position of tilt	14.2.2	N/A
otek Anbotel Anbo	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Oscillating tube Fig.a Spray ±60°from vertical, distance max.200mm or Spray nozzle Fig.5 Spray ±60°from vertical	0.07L/min ±5% per hole, multiplied by Number of holes 10L/min ±5%	1 min/m² at least 3 min	14.2.3a) 14.2.3b)	N/A
Anbot Anbot	ek Anbotek 4 Anbotek	As for numeral 3 Spray ±180° from vertical	As for numeral 3	As for numeral 3	14.2.4	N/A
k hotek Anbote	Anbotek Anbotek Anbotek Anbotek	Water jet hose Nozzle Fig.6 Nozzle 6.3mm diameter,distance 2.5m to 3m	12.5L/min ±5%	1 min/m² at least 3 min	14.2.5	N/A

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Aupotek	Vupore	Water jet hose	Vupo,	Vuposek V	"pore" Pupo	iek Wup.
Aupote,	ipotek Vupo	Nozzle Fig.6 Nozzle 12.5mm diameter,distance 2.5m to 3m	100L/min ±5%	1 min/m² at least 3 min	14.2.6	N/A
Anbotek Anbotek	Anbotek Anbotek Anbote	Immersion tank Water-level on Enclosure:0.15m above top 1m above bottom	k Vupotek Vupotek Vupotek	30min	14.2.7	N/A
tek Vu	8	Immersion tank Water-level:by agreement	"upotek Vupot	by agreement	14.2.8	Anborek Anborek
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek	Fan jet nozzle Figure 7 Test of small enclosure on turntable Figure12 Turntable speed(5± 1)r/min Spray at 0°, 30°, 60°, 90° Or Test of large enclosures as per intended use Spray from all practical directions Distance(175±25)mm	(15±1)L/min	30s per position 1min/m² at least 3 min	14.2.9(a) 14.2.9(b)	N/A
14.2.8	Test t	for second characteristic n	umeral 8	VK Wotek	W. Vipotek	Noote" P
	Anbotek A	Depth:1.5m Test Time: 1H		otek Vupote		P

4.Test result:

	NO	Item	Requirements	Result	Verdict
-	SZAEK1807	IDVO	No water enter the sample inside or the water inside	No water enter the	K P Anb
3,6	10011-S1	IPX8	does not affect the electrical properties of the sample.	sample inside	otek P

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5. Photos



Before test



Test set-up

Tel:(86)755-26066061

Fax:(86)755-26066021

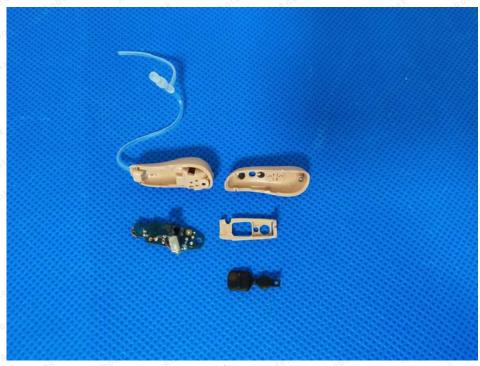
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Test set-up



After test

End of report

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