AUG 25 2000

SMDA 510(k) Summary of Safety and Effectiveness

(1) Submitter's Name / Contact Person:

AeroGen™ Inc.
1310 Orleans Drive
Sunnyvale, CA 94089

Contact Person: Traci V. A. Edwards
Director, Quality Assurance & Regulatory Affairs
Tel.: (408) 543-2400
Fax: (408) 543-2450
E-mail: tedwards@aerogen.com

Date prepared: August 23, 2000

(2) Name of device:

Trade Name: AeroNeb™ II Portable Nebulizer
Common Name: Nebulizer
Classification Name: Nebulizer, 21 CFR §868.5630

(3) Identification of predicate device:

Manufacturer	Device	510(k) Number
Fluid Propulsion Technologies	FPT Nebulizer	K970010

(4) Description of the device:

The AeroNeb™ II is a battery operated hand-held portable nebulizer using the same materials and piezoelectric vibration aerosol generator technology as the predicate device.

(5) A statement of the intended use of the device:

The AeroNeb™ II Portable Nebulizer is intended for breath-triggered nebulization of aerosolized medications prescribed by a physician.

(6) Predicate Device Comparison:

The AeroNeb™ II Portable Nebulizer is a smaller portable version of the FPT Nebulizer.

The AeroNeb™ II Portable Nebulizer is substantially equivalent to similar features in the predicate device and has the same intended use and technological characteristics as the predicate device. Non-clinical performance tests were conducted comparing AeroNeb™ II to the FPT Nebulizer and are summarized in the submission.

The performance evaluations including nebulizer delivery characterization, electrical, mechanical, and EMC safety, were based on those suggested in the FDA CDRH - REVIEWER GUIDANCE FOR NEBULIZERS, METERED DOSE INHALERS, SPACERS AND ACTUATORS issued on: October 1, 1993.

The successful tests demonstrated the device consistently performed within its design parameters, is as safe and effective, and performs as well as, or better than, the predicate device.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

AUG 25 2000

Ms. Traci V. A. Edwards
AeroGen, Inc.
1310 Orleans Drive
Sunnyvale, CA 94089

Re: K992831
AeroNeb™ II Portable Nebulizer
Regulatory Class: II (two)
Product Code: 73 CAF
Dated: August 11, 2000
Received: August 14, 2000

Dear Ms. Edwards:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4648. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597, or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

for James E. Dillard III
Director
Division of Cardiovascular and
Respiratory Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if Known): K992831

Device Name: AeroGen™ Inc. AeroNeb™ II Portable Nebulizer

Indications For Use:

The AeroNeb™ II Portable Nebulizer is intended for breath-triggered nebulization of aerosolized medications prescribed by a physician.

Division of Cardiovascular & Respiratory Devices
510(k) Number K992831

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use_____ OR Over-The-Counter Use_____
(Per 21 CFR 801.109)

(Optional Format 1-2-96)