



Laboratory Corporation of America[®] Holdings
P.O. Box 13973
1912 Alexander Drive
Research Triangle Park, North Carolina 27709

Telephone: 800-533-0567
Fax: 919-361-7997

CERTIFICATE OF ANALYSIS

June 18, 1999

Santa Cruz Urology Clinic
490 N. Carondelet Dr.
Nogales, AZ 85621
Attn.: Dr. Alfredo Guevara Jr.

Subject(s): Beethoven L.V.

PS Lab #: F9802132

Evidence Submitted: via Federal Express
(# 805372106860)

Date Received: 01/22/99

Item 22 One bag containing three hairs listed as from L.V. Beethoven.

Results:

Deoxyribonucleic acid (DNA) isolated from the above listed evidence was characterized through the polymerase chain reaction (PCR) followed by sequencing of the hypervariable region I (HV-1) and region II (HV-2) of the mitochondrial genome. The sequence obtained from the hair at HV1 exhibited no differences when compared to the Anderson sequence. The following differences from the Anderson sequence were noted at HV2:

Base Call HV-2

<u>Item</u>	<u>Sample</u>	<u>73</u>	<u>263</u>	<u>315.1</u>
	Anderson Sequence	A	A	-
22	Hair	A(G)	G	C

- = Denotes insertion or deletion compared to the Anderson sequence.
() = Denotes heteroplasmy at this location or a mixture.