

OMB APPROVAL	
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Litvack Frank</u> <hr/> (Last) (First) (Middle) C/O NILE THERAPEUTICS, INC. 4 WEST 4TH AVENUE, SUITE 400 <hr/> (Street) SAN MATEO CA 94402 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 09/24/2009	3. Issuer Name and Ticker or Trading Symbol <u>Nile Therapeutics, Inc. [ NLTX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	200,000	I	By Calmedica Capital L.P. <sup>(1)</sup>

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Warrant (Right to Buy)	07/07/2009	07/07/2014	Common Stock 50,000	1.25	I	Calmedica Capital, L.P. <sup>(1)</sup>
Warrant (Right to Buy)	07/07/2009	07/07/2014	Common Stock 50,000	1.71	I	Calmedica Capital, L.P. <sup>(1)</sup>
Warrant (Right to Buy)	07/07/2009	07/07/2014	Common Stock 100,000	2.28	I	Calmedica Capital, L.P. <sup>(1)</sup>

**Explanation of Responses:**

1. The Reporting Person is a limited partner in the limited partnership that owns the shares and the warrants. The Reporting Person disclaims beneficial ownership of these shares and warrants except to the extent of his pecuniary interest therein.

**Remarks:**

/s/ Frank Litvack 09/28/2009

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.