

PURE BIOSCIENCE  
Form 4/A  
January 14, 2008

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**ACTHLEY DENNIS B**

(Last) (First) (Middle)

**C/O PURE BIOSCIENCE, 1725  
GILLESPIE WAY**

(Street)

**EL CAJON, CA 92020**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**PURE BIOSCIENCE [PURE]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**01/10/2008**

4. If Amendment, Date Original Filed(Month/Day/Year)  
**01/14/2008**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Secretary

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	01/10/2008		M <sup>(2)</sup>		50,000	A	\$ 0.53
					164,229		<sup>(1)</sup>
Common Stock	01/10/2008		F <sup>(2)</sup>		4,210	D	\$ 6.294
					164,229		<sup>(1)</sup>

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ACTHLEY DENNIS B C/O PURE BIOSCIENCE 1725 GILLESPIE WAY EL CAJON, CA 92020			Secretary	

## Signatures

/s/ Dennis Atchley 01/14/2008

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(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).
- (1) Incorporates all transactions being reported on this Form 4/A.
- (2) This Form 4/A is only to clarify the transaction codes regarding the shares acquired by net exercise and add a transaction line for the number of shares surrendered for the net exercise. No additional change were made.

### Remarks:

Net exercise of stock option grant exempt from Section 16(b) pursuant to Rule 16b-3d.  
There are no other changes to previously reported derivative securities.

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