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te">February 10, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

Bruker BioSciences Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

116794108

(CUSIP Number)

December 31, 2003

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- ý Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 116794108

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Marc Laukien				
2.	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a)	0			
	(b)	0			
3.	SEC Use Only				
4.	Citizenship or Place of Organization United States				
	5.		Sole Voting Power Approximately 13,196,815 shares		
Number of Shares Beneficially Owned by	6.		Shared Voting Power 0		
Each Reporting Person With	7.		Sole Dispositive Power Approximately 13,196,815 shares		
	8.		Shared Dispositive Power 0		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person Approximately 13,196,815 shares				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) O				
11.	Percent of Class Represented by Amount in Row (9) 15.3%				
12.	Type of Reporting Person (See Instructions) IN				

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Item 1.					
	(a)	Name of Issuer			
		Bruker BioSciences Corporation			
	(b)	Address of Issuer s Principal	Executive Offices		
		40 Manning Road			
		Billerica, MA 01821			
Item 2.					
Item 2.	(a)	Name of Person Filing			
	(u)	Marc Laukien			
	(b)	Address of Principal Business Office or, if none, Residence 809 Harbour Isles Ct			
	. ,				
		North Palm Beach, FL 33410)		
	(c)	Citizenship			
		United States			
	(d)	Title of Class of Securities			
		Common Stock, par value \$0.01 per share.			
	(e)	CUSIP Number			
		116794108			
Item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person				
item 5.		-	Broker or dealer registered under section 15 of the Act (15 U.S.C.		
	(a)	0	780).		
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).		
			Insurance company as defined in section $3(a)(19)$ of the Act (15		
	(c)	0	U.S.C. 78c).		
	(d)	0	Investment company registered under section 8 of the Investment		
			Company Act of 1940 (15 U.S.C 80a-8).		
	(e)	0	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)	0	An employee benefit plan or endowment fund in accordance with		
			§240.13d-1(b)(1)(ii)(F);		
	(g)	0	A parent holding company or control person in accordance with		
			§ 240.13d-1(b)(1)(ii)(G);		
	(h)	0	A savings associations as defined in Section 3(b) of the Federal		
			Deposit Insurance Act (12 U.S.C. 1813);		
	(i)	0	A church plan that is excluded from the definition of an investment		
			company under section $3(c)(14)$ of the Investment Company Act of 1040 (15 H S C 80 - 2)		
			1940 (15 U.S.C. 80a-3);		
	(j)	0	Group, in accordance with §240.13d-1(b)(1)(ii)(J).		
	Not applicable.				

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Item 4. Ownership

Provide the fol	llowing information regard (a)	ing the aggregate number and Amount beneficially owne	bercentage of the class of securities of the issuer identified in Item 1. d:			
	(b)	13,196,815 shares Percent of class:				
	(c)	15.3% Number of shares as to which the person has:				
		(i)	Sole power to vote or to direct the vote			
		(ii)	13,196,815 shares Shared power to vote or to direct the vote			
		(iii)	0 Sole power to dispose or to direct the disposition of			
		(iv)	13,196,815 shares Shared power to dispose or to direct the disposition of			
			0			
	nt is being filed to report th		the reporting person has ceased to be the beneficial owner of more than			
five percent of	the class of securities, cheo Not applicable.	ck the following O.				
Item 6.	Ownership of More Not applicable.	Ownership of More than Five Percent on Behalf of Another Person Not applicable.				
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not applicable.					
Item 8.	Identification and Classification of Members of the Group Not applicable.					
Item 9.	Notice of Dissolution Not applicable.	on of Group				
Item 10.	Certification Not applicable.					

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 10, 2004

/s/ Marc Laukien Marc Laukien

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