




Stock Warrant (Right to Buy)	\$ 0.3	10/15/2014		X			11,488	02/27/2009	02/26/2019	Common Stock	11,488	\$ 0	0	D	
------------------------------	--------	------------	--	---	--	--	--------	------------	------------	--------------	--------	------	---	---	--

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Novo A/S TUBORG HAVNEVEJ 19 HELLERUP, G7 2900		X		

## Signatures

/s/ Thorkil Kastberg Christensen, Chief Financial Officer of Novo A/S		10/16/2014
 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).

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

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