



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005  
& ANSI/NCSL Z540-1-1994

TANGENT LABS, LLC  
2845 Tobey Drive  
Indianapolis, IN 46219  
John Ulrich Phone: 317 487 2378

CALIBRATION

Valid To: May 31, 2012

Certificate Number: 1318.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Acoustics & Vibration

Parameter/Range	Frequency	CMC <sup>2</sup> (±)	Comments
Sound Level – Generate <sup>3</sup>			
94 dB	250 Hz 1 kHz	0.4 dB 0.4 dB	Sound level generator
114 dB	250 Hz 1 kHz	0.4 dB 0.4 dB	
Sound Level – Measure <sup>3</sup>			
(40 to 140) dB	(300 to 8000) Hz	2.4 dB	Sound level meter

II. Chemical

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
pH – Individual Values <sup>3</sup>	(4, 7, 10) pH	0.10 pH	Standard pH buffers