PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Boston Analytical

8 Industrial Way, Bldg. D, Unit 8, Salem, NH 03079

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2005

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated January 2009):

Chemical and Microbiological Testing of Pharmaceutical Products, Medical Devices, and Raw Materials
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
May 20, 2014	December 21, 2016	December 21, 2018

Accreditation No.:	*Certificate No.:*
76858	L16-512

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Boston Analytical
8 Industrial Way, Blg. D, Unit 8, Salem, NH 03079
Contact: Eric J. Ward Phone 603-893-3758

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical[F]	Pharmaceutical products and raw materials	Loss on Drying	USP <731>	0 % to 100 %
		Karl Fischer Water	USP <911>	2 mg water to 250 mg water
		HPLC Assay	USP <621>	D.L. = S/N ≥ 3
	Tablets	Dissolution	USP <711>	D.L. = S/N ≥ 3
	Water and pharmaceutical products	Total Organic Carbon	USP <643>	N/A
Biological[F]	Pharmaceutical Products	Sterility	USP <71>	N/A
		KQCL	USP <85>	D.L = 0.005 EU/mL
Non-destructive[F]	Pharmaceutical products and raw materials	Appearance	USP	Appearance

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer[F] would mean that the laboratory performs this testing at its fixed location.