



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

***Frontier GeoSciences, Inc. dba Frontier Global Sciences, Inc.  
414 Pontius Avenue North  
Seattle, WA 98109***

*(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 Environmental Testing of Metals in Pharmaceuticals, Nutraceuticals, Food, and Related Products, Biological Tissue, Aqueous Solutions and Solids, Air, Petroleum Products, Paint, Metal Products, and Non-metal Products  
(As detailed in the supplement)***

*Such testing and/or calibration services shall only be offered at or from the address given above. 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

*The validity of this certificate is mandated through ongoing surveillance.*

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
26555 Evergreen, Suite 1325  
Southfield, Michigan 48076

*Initial Accreditation Date:*  
March 02, 2010

*Accreditation No.:*  
66887

*Issue Date:*  
March 02, 2010

*Certificate No.:*  
L10-29

*Expiration Date:*  
March 01, 2012

*Page No.:*  
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# Certificate of Accreditation: Supplement

**Frontier GeoSciences, Inc. dba Frontier Global Sciences, Inc.**  
414 Pontius Avenue North  
Seattle, WA 98109

*Accreditation is granted to this 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
Chemical	Paint	Lead	16 CFR 1303 CPSC-CH-E1003-09
	Metal Products		CPSC-CH-E1001-08
	Non-metal Products		CPSC-CH-E1002-08
	Pharmaceuticals & Nutraceuticals	Metals	AOAC 993.14 (ICP-MS) EPA 1630 (Methyl Hg)* EPA 1631E (Hg)* EPA 1632A (As species)* FGS-129 (As, Se, Cr, and V species by LC-ICP-MS)
	Food Products		AOAC 993.14 (ICP-MS) EPA 1630 (Methyl Hg)* EPA 1631E (Hg)* EPA 1632A(As species)* FGS-129 (As, Se, Cr, and V species by LC-ICP-MS)
Environmental	Aqueous & Solids	Metals	EPA 1630 (Methyl Hg)* EPA 1631E (Hg)* EPA 1632A (As species)* EPA 1638* FGS-129 (As, Se, Cr, and V species by LC-ICP-MS)
	Tissues		EPA 1630 (Methyl Hg)* EPA 1631E (Hg)* EPA 1632A (As species)* EPA 1638* FGS-129 (As, Se, Cr, and V species by LC-ICP-MS)
	Air & Emissions		EPA 30B (total Hg by FGS-136)* EPA 30B (Hg species by FGS-136)*
	Petroleum Products		EPA 1631E (Hg)* EPA 1638*

1. \*Method modified as appropriate for matrix or materials tested; primarily preparation.