

NORTH DAKOTA STATE DEPARTMENT OF HEALTH RECOGNITION OF CERTIFICATION OR ACCREDITATION

The North Dakota State Department of Health recognizes the certification or accreditation of

Vista Analytical Laboratory - 1104 Windfield Way - El Dorado Hills, CA

by

State of California Department of Health Services, ELAP

for

All Clean Water Act, Resource Conservation and Recovery Act and Safe Drinking Water Act
chemical parameters by the methods on the accompanying list of certified parameters for this laboratory

Certification Number: R-078

Date of Issue: February 22, 2010 Expiration Date: January 31, 2011 Covers: 2/1/2010 - 1/31/2011

This certificate remains the property of the North Dakota State Department of Health and may be recalled, for cause, at any time, by the Department. Recognition of an our-of-state laboratory's certification or accreditation from another state's certification or accreditation program by the North Dakota State Department of Health is neither an endorsement of the results reported by the laboratory nor a guarantee of the validity or accuracy of the results reported by the laboratory.

Marya Kosse
Director, Division of Chemistry

Errol Erickson
Certification Officer

***Certified Parameters for
Vista Analytical Laboratory
1104 Windfield Way, El Dorado Hills, CA***

***Issued by
North Dakota Department of Health
Laboratory Services Division - Chemistry
February 22, 2010***

Certification Period: February 01, 2010 through January 31, 2011

Lab Certification No: R-078

Based on Certificate No: 02102CA

From the State of California Department of Health Services, ELAP

<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
<i>Clean Water Act</i>				
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 1613B	74	Certified
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 1613B	74	Certified
	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 1613B	74	Certified
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613B	74	Certified
	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 1613B	74	Certified
	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613B	74	Certified
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613B	74	Certified
	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613B	74	Certified
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613B	74	Certified
	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 1613B	74	Certified
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613B	74	Certified
	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613B	74	Certified
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613B	74	Certified
	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613B	74	Certified
	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613B	74	Certified
	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 1613B	74	Certified
	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613B	74	Certified
<i>Resource Conservation and Recovery Act</i>				
	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	SW846 8280A	84	Certified
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	SW846 8280A	84	Certified
	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	SW846 8280A	84	Certified
	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8280A	84	Certified
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8280A	84	Certified
	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8280A	84	Certified
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8280A	84	Certified
	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	SW846 8280A	84	Certified
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8280A	84	Certified
	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	SW846 8280A	84	Certified
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	SW846 8280A	84	Certified
	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8280A	84	Certified
	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	SW846 8280A	84	Certified
	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	SW846 8280A	84	Certified

<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
<i>Resource Conservation and Recovery Act</i>				
	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	SW846 8280A	84	Certified
	Total Heptachlorodibenzofuran (HpCDF)	SW846 8280A	84	Certified
	Total Heptachlorodibenzo-p-dioxin (HpCDD)	SW846 8280A	84	Certified
	Total Hexachlorodibenzofuran (HxCDF)	SW846 8280A	84	Certified
	Total Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8280A	84	Certified
	Total Pentachlorodibenzofuran (PeCDF)	SW846 8280A	84	Certified
	Total Pentachlorodibenzo-p-dioxin (PeCDD)	SW846 8280A	84	Certified
	Total Tetrachlorodibenzofuran (TCDF)	SW846 8280A	84	Certified
	Total Tetrachlorodibenzo-p-dioxin (TCDD)	SW846 8280A	84	Certified
	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SW846 8290	82	Certified
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SW846 8290	82	Certified
	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	SW846 8290	82	Certified
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	SW846 8290	82	Certified
	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	SW846 8290	82	Certified
	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8290	82	Certified
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8290	82	Certified
	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8290	82	Certified
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8290	82	Certified
	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	SW846 8290	82	Certified
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	SW846 8290	82	Certified
	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	SW846 8290	82	Certified
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	SW846 8290	82	Certified
	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	SW846 8290	82	Certified
	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	SW846 8290	82	Certified
	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	SW846 8290	82	Certified
	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	SW846 8290	82	Certified
<i>Safe Drinking Water Act</i>				
	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613	29	Certified

Source Reference

- 29 "Tetra-through Octa-Chlorinated Dioxins and Furans by Isotope-Dilution HRGC/HRMS", EPA/821-B-94-005, October 1994
- 74 Method 1613B, National Technical Information Services, stock number PB95-104774
- 82 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update II, September 1994, EPA Office of Solid Waste and Emergency Response
- 84 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update III, December 1996, EPA Office of Solid Waste and Emergency Response