

Certificate of Analysis

Pinchin Ltd. (Ottawa)

555 Legget Dr., Suite 1001, Tower A
Ottawa, ON K2K 2X3

Attn: Tom Whillans

Client PO: CP-6

Project: 86395

Custody:

Report Date: 2-Dec-2016

Order Date: 29-Nov-2016

Order #: 1649108

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID
1649108-01	LS01-Galvanized coating, guardrail, composite
1649108-02	LS02-Grey Post (paint) composite
1649108-03	LS03-Grey Railing (paint) composite
1649108-04	LS04-Texture on concrete and S footing
1649108-05	LS05-Metalic coating (gasket) composite

Approved By:



Mark Foto, M.Sc.

Lab Supervisor

Any use of these results implies your agreement that our total liability in connection with this work, however arising shall be limited to the amount paid by you for this work, and that our employees or agents shall not under circumstances be liable to you in connection with this work

Certificate of Analysis
Client: Pinchin Ltd. (Ottawa)
Client PO: CP-6

Report Date: 02-Dec-2016
Order Date: 29-Nov-2016
Project Description: 86395

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-OES	based on MOE E3470, ICP-OES	2-Dec-16	2-Dec-16

Sample Data Revisions

None

Work Order Revisions/Comments:

None

Other Report Notes:

- n/a: not applicable
- ND: Not Detected
- MDL: Method Detection Limit
- Source Result: Data used as source for matrix and duplicate samples
- %REC: Percent recovery.
- RPD: Relative percent difference.

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Sample Results

Lead				Matrix: Paint
				Sample Date: 30-Sep-16
Paracel ID	Client ID	Units	MDL	Result
1649108-01	LS01-Galvanized coating, guardrail, composite	ug/g	20	5180
1649108-02	LS02-Grey Post (paint) composite	ug/g	20	1870
1649108-03	LS03-Grey Railing (paint) composite	ug/g	20	5870
1649108-04	LS04-Texture on concrete and S footing	ug/g	20	<20
1649108-05	LS05-Metalic coating (gasket) composite	ug/g	20	308

Laboratory Internal QA/QC

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Matrix Blank									
Lead	ND	20	ug/g						
Matrix Duplicate									
Lead	ND	20	ug/g	ND			0.0	30	
Matrix Spike									
Lead	210		ug/L	ND	81.2	70-130			

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Client Name: Pinchin Ltd.	Project Reference: 86395 - CP-6	TAT: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> 3 Day
Contact Name: Tomas Whillans	Quote #	<input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day
Address: 555 Legget Drive, Tower A, Suite 1001, Kanata, ON K2K 2x3	PO #	Date Required: _____
Telephone: 613.592.3387	Email Address: twhillans@pinchin.com	

Criteria: O. Reg. 153/04 (As Amended) Table ___ RSC Filing O. Reg. 558/00 PWQO CCME SUB (Storm) SUB (Sanitary) Municipality: _____ Other: _____

Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)

Required Analyses

Parcel Order Number: <i>1649108</i>	Matrix <i>(P)</i>	Air Volume	# of Containers	Sample Taken		Lead	Required Analyses													
				Date	Time															
1	LS01 - Galvanized coating, guardrail, composite		1	93016		✓														
2	LS02 - Gray Posts (paint), composite		1	93016		✓														
3	LS03 - Gray Railing (paint) composite		1			✓														
4	LS04 - texture on concrete, 6 foot					X														
5	LS05 - Metallic coating (gasket)					X														
6	Composite																			
7																				
8																				
9																				
10																				

Comments: _____ Method of Delivery: *Paracel*

Relinquished By (Sign): <i>[Signature]</i>	Received by Driver/Depot: <i>[Signature]</i>	Received at Lab: <i>SUNEPORN DEK MAI</i>	Verified By: <i>[Signature]</i>
Relinquished By (Print): <i>Tom Whillans</i>	Date/Time: <i>29/11/16 10:15</i>	Date/Time: <i>NOV 29, 2016 11:32</i>	Date/Time: <i>29/11/16 13:35</i>
Date/Time: <i>Nov 27, 16</i>	Temperature: _____ °C <i>AM</i>	Temperature: _____ °C	pH Verified <input checked="" type="checkbox"/> By: _____