



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 299299	Client: Asbestos Science Technologies, LLC
Account Number: B737	Rick Bryant
Date Received: 09/12/2018	335 North Frontage Road
Received By: Katie Davis	Osage Beach, MO 65065
Date Analyzed: 09/12/2018	Project: City Camdonton
Analyzed By: Gayle Ooten	Project Location: Camdonton, MO
Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	Tile	Layered	Black Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
001a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
002	Rock	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 10	Gypsum
003	Fiber Board	Homogeneous	Brown Fiberboard	Asbestos Not Present	Cellulose 85	Tar
004	Tile	Homogeneous	Black Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
005	Paint	Homogeneous	White Texture	Asbestos Present Chrysotile 3	NA	CaCO3 Paint
006	Paint Board	Homogeneous	White Paint	Asbestos Not Present	NA	Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	Fiber	Homogeneous	Black Mastic	Asbestos Not Present	NA	Tar
008	Rock	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
009	Tile	Homogeneous	Brown Sheet Vinyl	Asbestos Present Chrysotile 25	NA	Vinyl
010	Tile	Homogeneous	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
011	Board Rock	Homogeneous	White Texture	Asbestos Not Present	Wollastonite 3	CaCO3
012	Board Wall	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint

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Methodology: EPA/600/R-93/116	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	Ceiling Tile	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 80	Paint
014	Ceiling Rock	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3
015	Mastic	Homogeneous	White Sheet Vinyl	Asbestos Not Present	Cellulose 25	Vinyl
016	Tile	Homogeneous	Beige Sheet Vinyl	Asbestos Present Chrysotile 20	NA	Vinyl
017	Roofing	Homogeneous	Black Roofing	Asbestos Not Present	NA	Tar
018	Wall	Homogeneous	White Wall Tile	Asbestos Not Present	Cellulose 80	Paint

Gayle Ooten, Analyst

9/12/2018

Date of Report

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ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. <u>209899</u>	Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>
Report Results (<input checked="" type="checkbox"/> one box)	
<input type="checkbox"/> Quantem Website	
<input checked="" type="checkbox"/> Email	
<input type="checkbox"/> Other	

Contact Information		Project Information	
Company: <u>Asbestos Science Tech</u>	Phone: _____	Project Name: <u>City Chausson</u>	
Contact: <u>Rick Bumpert</u>	Cell Phone: <u>5735521919</u>	Project Location: <u>Chausson</u>	
Account #: _____	E-mail: <u>rbumpert@ast.com</u>	Project ID: _____	
SAMPLED BY: Name: <u>Rick Bumpert</u>	Date: <u>9-9-18</u>	P.O. Number: _____	

RELINQUISHED BY	VIA	RECEIVED BY	DATE & TIME
<u>R Bumpert</u>	<u>USPS</u>	<u>[Signature]</u>	<u>9-12-18 10:00</u>

REQUESTED SERVICES (Please the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> PCM	<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input checked="" type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation		<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	<input type="checkbox"/> Other	<input type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Description	Volume / Area (as applicable)	Comments / Notes
1	<u>Tile</u>	<input checked="" type="checkbox"/>	<u>Black</u>		
2	<u>Rock</u>	<input checked="" type="checkbox"/>	<u>White</u>		
3	<u>Fiber Glass</u>	<input checked="" type="checkbox"/>	<u>Black</u>		
4	<u>Tile</u>	<input checked="" type="checkbox"/>	<u>Black</u>		
5	<u>Paint</u>	<input checked="" type="checkbox"/>	<u>White</u>		
6	<u>" Board</u>	<input checked="" type="checkbox"/>	<u>"</u>		
7	<u>Fiber</u>	<input checked="" type="checkbox"/>	<u>Black</u>		
8	<u>Rock</u>	<input checked="" type="checkbox"/>	<u>White</u>		
9	<u>Tile</u>	<input checked="" type="checkbox"/>	<u>Brown</u>		
10	<u>"</u>	<input checked="" type="checkbox"/>	<u>"</u>		



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For Lab Use Only
Lab No. <u>29299</u>
Accept <input checked="" type="checkbox"/> Reject <input type="checkbox"/>

Project Information		Project Name:	Project Location:	Volume / Area (as applicable)	Comments / Notes
Company: <u>Asbestos Sciences Tech</u>		<u>City of Cantonment</u>	<u>Camdenton MO</u>		
No.	Sample ID (10 Characters Max)	To Be Analyzed <input checked="" type="checkbox"/>	Color	Description	
11	Boreo Rock	<input checked="" type="checkbox"/>	white		
12	1" WALL	<input checked="" type="checkbox"/>	BROWN		
13	Ceiling Tiles	<input checked="" type="checkbox"/>	white		
14	1" Rock	<input checked="" type="checkbox"/>	"		
15	MASTIC	<input checked="" type="checkbox"/>	"		
16	TILE	<input type="checkbox"/>	BROWN		
17	Roofing	<input type="checkbox"/>	BLACK		
18	WALL	<input type="checkbox"/>	WHITE		
19		<input type="checkbox"/>			
20		<input type="checkbox"/>			
21		<input type="checkbox"/>			
22		<input type="checkbox"/>			
23		<input type="checkbox"/>			
24		<input type="checkbox"/>			
25		<input type="checkbox"/>			
26		<input type="checkbox"/>			
27		<input type="checkbox"/>			
28		<input type="checkbox"/>			
29		<input type="checkbox"/>			
30		<input type="checkbox"/>			