



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

FOR

DOW CHEMICAL
Industrial Hygiene Bldg. 3502W
Post Office Box 150
Plaquemine, LA 70765

ATTENTION: Ms. Darlene Creel

May 07, 1992

DO A 114996
CONFIDENTIAL

ppe

203363



7979 GSRI AVE. • BATON ROUGE, LA 70820

DOW CHEMICAL
Plaquemine, LA

May 07, 1992

Six (6) filter cassette samples were received on May 01, 1992 from Dow Chemical for fiber count. Fibers larger than 5 microns in length were counted by means of phase-contrast microscopy at a magnification of 400X. The procedure recommended by NIOSH method 7400A was followed. Pertinent information regarding fiber counts is as follows:

Field Area: 0.00785 mm² (Walton Beckett Graticule)

Effective Collecting Area:

385 mm² (25 mm Cassette)

855 mm² (37 mm Cassette)

Limit of Quantitation: 10 fibers/100 fields

Limit of Detection: > Average Blank Count

@ Detection limits are based upon a minimal concentration of 7 fibers/mm².

Sample I.D.	Fibers (>5um) Observed	No. of Fields Observed	Fibers per Filter	Volume of Air (L)	Fibers (>5um) per c.c. of Air
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LGTI:

13526	2	100	981	-----	-----
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Cellulose:

13534	4	100	1,962	-----	-----
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Caustic:

13527	1	100	490	-----	-----
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13533	0	100	<490	-----	-----
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Blank #1	0	100	<490	-----	-----
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Blank #2	0	100	<490	-----	-----
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Philip W. West
for Philip W. West, Ph.D.
Laboratory Director

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WEST PAINE
LABORATORIES INC.
7979 GSRI AVE.
BATON ROUGE, LA 70820

PO # 1519160

MSI # 156673

Sample I.D. :

#13526 | #13533

#13527 | #13534

Blank #1 & #2

CHAIN-OF-CUSTODY RECORD

SAMPLE COLLECTION:

Collector's Name: Darlene S. Creel Telephone: (504) 389-6181

Company Name: Dow Chemical (Industrial Hygiene Bldg. 3502W)

Address: P.O. Box 150, Plaquemine, Louisiana 70765-0500

Date Sampled: 4/28-30/92 Time: _____

Type of Process or Facility Sampled: Fiber count via NIOSH 7400

Field Information: Filter cassettes for fiber per filters

13526 Cellulose - #13534

Caustic - #13527 - #13533 Blanks #1/#2

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: Brown Courier Date: 5-1-92 Time: 2:10

Company Name: West Paine Courier

Address: BR

MAY 11 1992

SAMPLE RECEIVING:

Person accepting sample: Rory Cooper Date: 05/01/92 Time: 7:50

Company Name: WEST-PAINE LABORATORIES, INC.

Address: 7979 GSRI AVENUE, BATON ROUGE, LOUISIANA 70820 PHONE: (504) 769-4900

Sample Disposition _____ Storage _____ Further Transportation _____ Other _____

CHAIN-OF-POSSESSION: (Attach additional sheets as needed to show continuity)

TERMINATION OF CHAIN OF CUSTODY:

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Authorized by: _____ Date: _____ Time: _____

Company/Name: _____ Address: _____

4/25/94