



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

FOR

DOW CHEMICAL
Industrial Hygiene Bldg. 3502 W
Post Office Box 150
Plaquemine, LA 70764

ATTENTION: Ms. Darlene Creel

April 29, 1992

klb

20-3361

DO A 114597
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DOW CHEMICAL
Plaquemine, LA

April 29, 1992

Four (4) filter cassette samples were received on April 24, 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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Caustic:

13525	1	100	<490	---	---
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Utilities:

13524	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
Philip W. West, Ph.D.
Laboratory Director

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

PO # 1516083
MSI # 156352
Sample I.D. :
#13524 Blank #1/Blank #2
#13525

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: 4-23-92 Time: _____
Type of Process or Facility Sampled: Fiber count via NIOSH 7400
Field Information: Filter cassettes for fiber per filters
Caustic - #13525 Blank #1/Blank #2
Utilities - #13524

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: C. Christy Date: 4-24-92 Time: _____
Company Name: West Paine Courier
Address: B P

SAMPLE RECEIVING:

Person accepting sample Bill Perry Date: 4/24/92 Time: 11:40
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:

Authorized by: _____ Date: _____ Time: _____
Company/Name: _____ Address: _____

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