

# ASBESTOS BULK SAMPLE ANALYSIS SURVEY

Room Temperature \_\_\_\_\_ ☐ RI Check ☐ Microscope Alignment ☐ Blank Slide Check

Laboratory Report No. \_\_\_\_\_ Laboratory Sample ID No. \_\_\_\_\_

Sample Field ID No. \_\_\_\_\_ Date Received: \_\_\_\_\_

DOEHRS Sample No. \_\_\_\_\_

Sample Treatment: \_\_\_\_\_ Oven Drying \_\_\_\_\_ Solvent \_\_\_\_\_ None \_\_\_\_\_ Other

Physical Description: Homogeneous: \_\_\_\_\_ Yes \_\_\_\_\_ No

Fibrous: \_\_\_\_\_ Yes \_\_\_\_\_ No

Sample Description: \_\_\_\_\_

## Asbestos Fibrous Components Identified:

A) Chrysotile: _____%	B) Amosite: _____%	C) Crocidolite: _____%	D) _____%
_____ Wavy fibers and bundles	_____ Straight fibers	_____ Straight fibers	_____ Bundled Straight Fibers
_____ Anisotropic	_____ Anisotropic	_____ Anisotropic	_____ Anisotropic
_____ (+) Sign elongation	_____ (+) Sign elongation	_____ (-) Sign elongation	_____ (+) Sign Elongation
_____ Parallel extinction	_____ Parallel extinction	_____ Parallel extinction	_____ Parallel extinction
_____ Nonpleochroic	_____ Nonpleochroic	_____ Pleochroic-blue-grey	_____ Oblique extinction
_____ Low birefringence	_____ Mod birefringence	_____ Mod birefringence	_____ Nonpleochroic
_____ n = 1.55, CS D.S. colors	_____ n = 1.68, CS D.S. colors	_____ n = 1.68, CS D.S. colors	_____ Mod birefringence
_____ = 600-700 nm, blue	_____ = 600-660 nm, blue	_____ = 410-440 nm, yellow	_____ n=1.605
_____ = 500-600 nm, magenta	_____ = 430-460 nm, yellow	_____ = 440-460 nm, gold, yellow	_____ Colors

## Non-Asbestos Fibrous Components Identified:

D) Cellulose: _____%	E) Mineral Wool: _____%	F) Glass Fibers: _____%
_____ Flat, twisted fibers	_____ Irregular shapes	_____ Straight fibers
_____ Anisotropic	_____ Isotropic	_____ Isotropic
_____ Irregular extinction		
_____ Pits, cross marks		
_____ n = 1.55, CS D.S. Colors		
_____ = 600-700 nm, blue		
_____ = 410-440 nm, yellow		

G) Synthetic fibers: _____%	F) Other: _____%	I) Non-fibrous Components:
_____ Uniform fiber shape	_____	Description: Approx. %
_____ Anisotropic	_____ %	_____ %
_____ Parallel extinction	_____ %	_____ %
_____ n = 1.55, CS D. S. colors	_____ %	_____ %
_____ = Various (depends on identity)		

Analytical Notes: \_\_\_\_\_

Microscope: \_\_\_\_\_

ANALYST: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_

Sample Reanalyzed? ☐ Yes ☐ No Name & Date: \_\_\_\_\_

REVIEWER: \_\_\_\_\_ DATE REVIEWED: \_\_\_\_\_