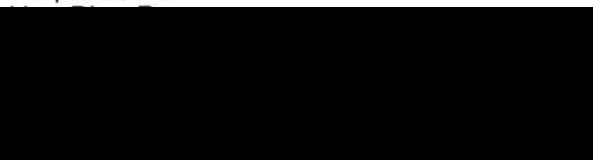


Prepared For:



CHINA

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FLAMMABILITY OF CLOTHING TEXTILES – FINAL REPORT

Laboratory Number:	507449
Procedure Number:	STP0073 REV 03
Sample Source:	
Sample Identification:	Refer to Table 1
Deviations:	None
Statement of Uncertainty:	If applicable, available upon request
Sample Size:	2 x 6 inches (51 x 152 mm)
Orientation:	Lengthwise
Sample Side Tested:	Outside Surface
Study Received Date:	22 Dec 2009
Lab Phase Start Date:	22 Dec 2009
Lab Phase Completion Date:	22 Dec 2009
Report Issue Date:	23 Dec 2009

REFERENCES:

Department of Commerce. 16 CFR Part 1610. 2009. Standard for the Flammability of Clothing Textiles. The Office of the Federal Register, National Archives and Records Administration, Washington, D.C. (CRD087)

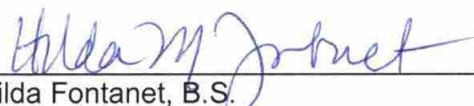
Instrument Marketing Services, Inc. Flammability Tester Operation and Maintenance Instructions. Instrument Marketing Services, Inc., Fairfield, NJ.

ASTM F2100-07. 2007. Standard Specification for Performance of Materials Used in Medical Face Masks. West Conshohocken, PA. (CRD010)

PROCEDURE:

This test method measures the ease of ignition and the speed of flame spread of different materials.

The samples were placed in an oven (maintained at $105 \pm 2^{\circ}\text{C}$) for a minimum of 30 minutes. The samples were then placed in a dessicator for a minimum of 15 minutes prior to testing. Testing was terminated for samples that did not exhibit flame spread beyond the initial application of the flame. Testing complied with 16 CFR Part 1610.


Hilda Fontanet, B.S.
Study Director


24 Dec 2009
Study Completion Date

anl

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Lab Number 507449

TABLE 1. Results
Sample Identification: Flat Face Mask, #33-#46
Flammability: Type A, Class 1 – Average sample flame spread is $\geq 3 \frac{1}{2}$ seconds.

REPLICATE NUMBER	TIME OF FLAME SPREAD
1	No flame spread
2	No flame spread
3	No flame spread
4	No flame spread
5	No flame spread
6	No flame spread
7	No flame spread
8	No flame spread
9	No flame spread
10	No flame spread
Average	No flame spread