



Kewaunee Scientific Corporation  
2700 West Front Street  
Statesville, NC 28677-2927

October 18, 2011

**Attention:** Mr. Jeremy Miller

**Regarding:** SEFA Testing of a Wood Base Cabinet

Gaynes Labs Job No. 11422-2 Kewaunee P.O. No. A21793

Dear Mr. Miller:

This report indicates the procedures and results of the testing that was conducted on one wood base cabinet, submitted by Kewaunee Scientific Corporation. Testing was conducted in accordance with the Scientific Equipment & Furniture Association SEFA-8-W-2010 Recommended Practices for Wood Laboratory Grade Furniture, Casework, Shelving and Tables. Testing was conducted at Gaynes Labs, Incorporated, Bridgeview, Illinois.

**TEST ITEM:**

Wood Base Cabinet as a combination of a cupboard and one drawer. The drawer was above the cupboard, full width and approximately one-fourth the height of the cabinet's face opening. Drawer depth outside dimension is 18 1/2". The cupboard is a double-door design and provides unobstructed entry into the cabinet interior with the doors open. The unit was supplied with one adjustable shelf. The cabinet back is designed with a removable panel (panel was removed during testing). The cabinet has full height end panels with integral toeboard.

Cabinet dimensions: 48" wide x 21 1/4" deep x 35" high (dimensions do not include drawer or door front thickness).

**Description of Test**

**Result**

**4.0 Base Cabinets**

4.2 Cabinet Load Test (Photo 1)

Meets Acceptance Level

4.3 Cabinet Concentrated Load Test (Photo 2)

Meets Acceptance Level

4.4 Cabinet Torsion Test (Photo 3)

Meets Acceptance Level

4.5 Cabinet Submersion Test (Photo 4)

Meets Acceptance Level

**5.0 Doors**

5.1 Door Hinge Test (Photo 5)

Meets Acceptance Level

5.3 Door Cycle Test (Photo 6)

Meets Acceptance Level

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### Description of Test

### Result

#### **6.0 Drawers**

6.1 Drawer Static Test (Photo 7)	Meets Acceptance Level
6.3 Drawer Impact Test (Photo 8)	Meets Acceptance Level
6.4 Drawer Internal Rolling Impact (Photo 9)	Meets Acceptance Level
6.5 Drawer Cycle Test, 75 pound load (Photo 10)	Meets Acceptance Level

### **TEST SUMMARY:**

The Wood Base Cabinet submitted by Kewaunee Scientific Corporation was subjected to the applicable tests described in the Scientific Equipment & Furniture Association SEFA-8-W-2010 Recommended Practices for Wood Laboratory Grade Furniture, Casework, Shelving and Tables and meets the Acceptance Levels (Passes Tests).

Photographs and data sheets of the testing program shall be kept on file at Gaynes Labs, Inc.

Please contact me if you have questions or need additional information regarding this test program.

Report Prepared By:   
Leonard Roesner

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Photo 1: 4.2 Cabinet Load Test



Photo 2: 4.3 Cabinet Concentrated Load Test

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Photo 3: 4.4 Cabinet Torsion Test



Photo 4: 4.5 Cabinet Submersion Test

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Photo 5: 5.1 Door Hinge Test



Photo 6: 5.3 Door Cycle Test

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Photo 7: 6.1 Drawer Static Test



Photo 8: 6.3 Drawer Impact Test

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Photo 9: 6.4 Drawer Internal Rolling Impact



Photo 10: 6.5 Drawer Cycle Test