Evaluation of Polymer Bag From Corr-A-Box

Background: The customer submitted clear gusseted bag to Cortec Corporation. This bag is from Corr-A-Box. An evaluation of the bag is sought.

Purpose: Evaluate the corrosion inhibition of clear bag from Corr-A-Box.

Method: Razor Blade Test
VIA Test
SO_2 Test

Materials: Razor Blade Test Kit
VIA Test Kit
SO_2 Test Kit
Clear polymer bag from Corr-A-Box
Cortec VpCI-126 film

Procedure: The above tests were performed according to standard procedures for each.

Results:

Razor Blade Test

Material	Panel #1	Panel #2	Panel #3
Clear polymer bag from Corr-A-Box	Fail	Fail	Fail
Cortec VpCI-126 film*	Pass	Pass	Pass
Control	Fail	Fail	Fail

*Typical results for Cortec VpCI-126 film

VIA Test

Material	Plug #1	Plug #2	Plug #3
Clear polymer bag from Corr-A-Box	Grade 0	Grade 0	Grade 0
Cortec VpCI-126 film*	Grade 3	Grade 3	Grade 3
Control	Fail	Fail	Fail

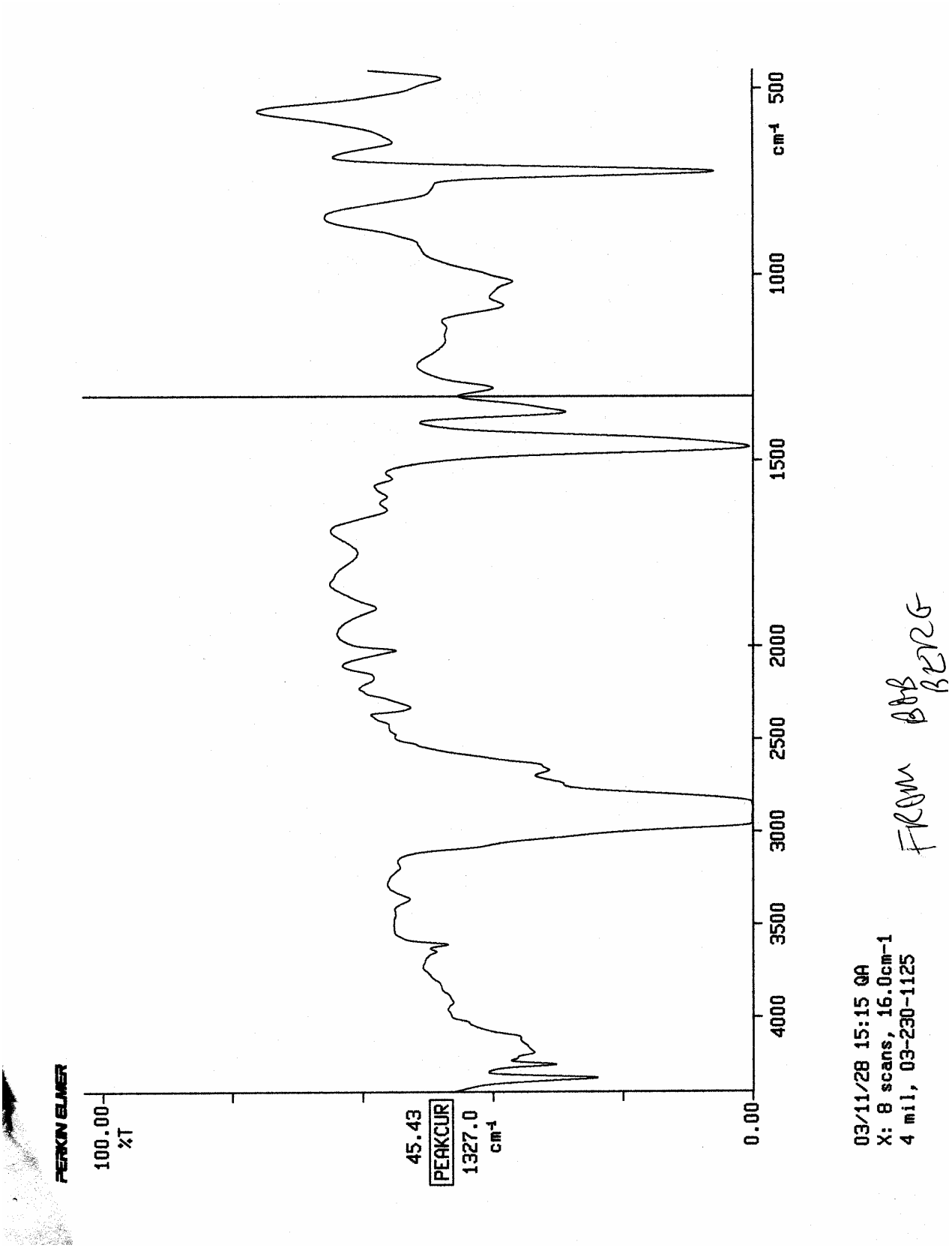
*Typical results for Cortec VpCI-126 film

SO_2 Test

Material	Panel #1	Panel #2	Panel #3
Clear polymer bag from Corr-A-Box	Grade 0	Grade 0	Grade 0
Cortec VpCI-126 film*	Grade 4	Grade 4	Grade 4
Control	Fail	Fail	Fail

*Typical results for Cortec VpCI-126 film

Conclusion: Clear polymer bag from Corr-A-Box, does not provide any corrosion inhibition. FT-IR analysis, shows that Clear polymer bag from Corr-A-Box might contain a small amount of desiccant, such as Silica.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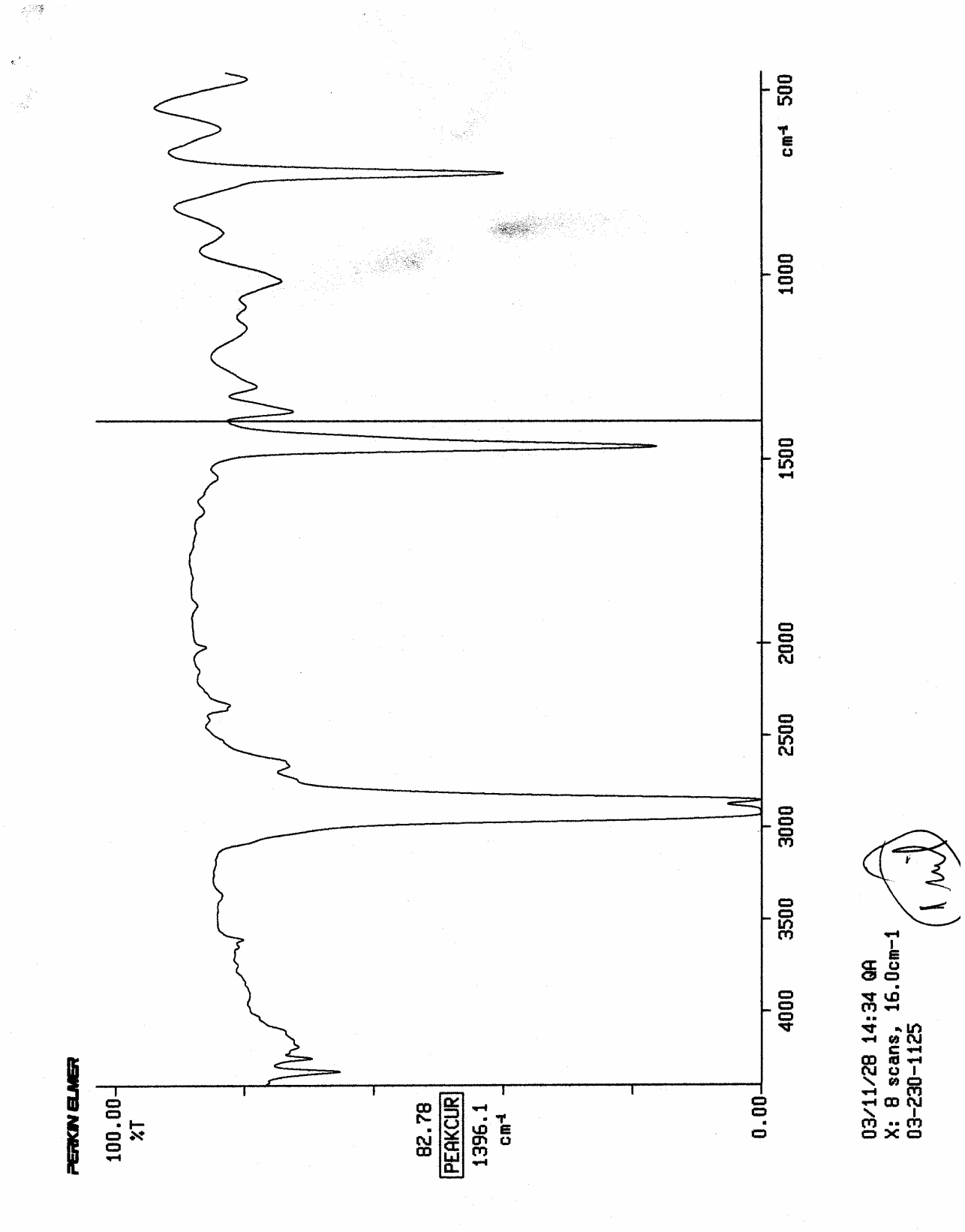
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