

AIR & WATER POLLUTION
PETRO-CHEMICAL RESEARCH
TRACE METALS
METALLURGY
CORROSION
INSPECTION
MEDICAL
PROCESS DEVELOPMENT

ANALYTICAL AND TESTING LABORATORY, INC.

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PHARMACEUTICALS
MICROBIOLOGY
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March 30, 1972

Mr. Bill Williams
The Bill Williams Company
P. O. Box 1037
Cleveland, Texas 77327

Re: Analysis of liquid sample
Received 2/28/72.
Marked: WZ-127

The sample of liquid submitted by you and referred to above was analyzed to answer the questions in your letter of March 3, 1972.

All of the analyses performed by this laboratory on your sample of WZ-127 were done using as a standard metal the 4140 HR ANN. This is the same alloy used in the manufacture of gun barrels.

RESULTS OF ANALYSIS

Scanning electron microscopy shows that the WZ-127 can be wiped on with no baking necessary. This can be seen on the attached photographs from the Scanning Electron Microscope. The Scanning Electron Microscope also shows that after baking at 600° F. for one hour, there is no evidence of cracking or peeling.

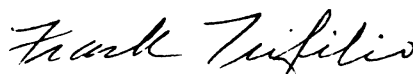
A thirty-day corrosion study shows that the WZ-127 protects metals against corrosion. The results of these tests show a 0.000066 IPY and a 0.000064 IPY consecutively in duplicate studies.

CONCLUSION

We find that the product WZ-127 does measure up to the claim as advertised in THE AMERICAN RIFLEMAN magazine and that the instructions for application are more than adequate.

This report is

Respectfully submitted,

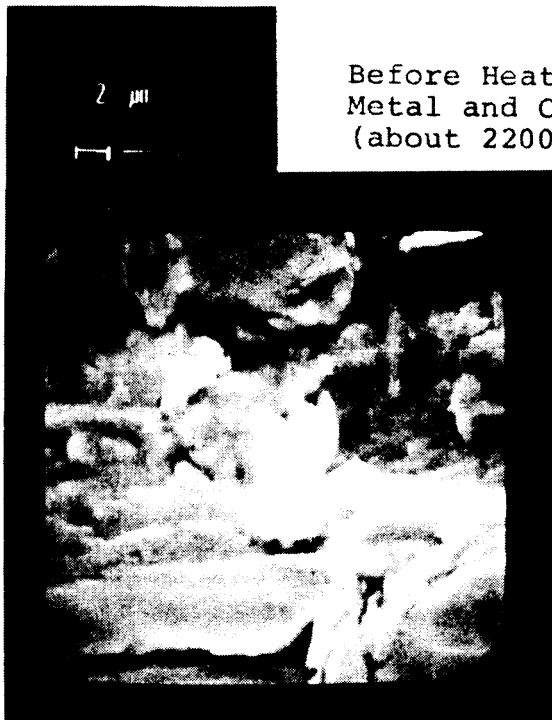


Frank H. Trifilio, M.S.
Chief Chemist

FHT/dw
Lab. No. A-3871

Before Heating
Metal and Coating
(about 2200X)

2 μ m
┌──┐



After Heating
Metal and Coating
(about 2200X)

2 μ m
┌──┐

