

Memorandum

San Francisco Police Department



To: ALL CRIME LAB PERSONNEL

APPROVED YES NO

From: Shoji Horikoshi *SH*

Date: December 14, 1984

Subj: PROFICIENCY TESTS

Proficiency tests are due by Friday, January 25, 1985. If you are not able to meet the deadline, inform me of your reasons in a memo.

Write a complete analysis report including analytical data developed.

Copies To:

DUE 01/05/83

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Drug Analysis

D. Wakida.

1. Does the white powder enclosed in the ~~capsule~~ contain a drug(s)?

If yes, what drug(s)? No controlled substances detected

What other substances (incipients or diluents) can you detect?

ephedrine sulfate

2. Indicate data developed.

Methods used

Data developed for final results

Marquis] all neg
Mecke	
Froehde	
Cobalt Thiocyanate	
Bill Koppanyi	

IR

U.V. - peaks at 256, 250, 262 - No shift w/ addition of base

TLC - (NH₄OH; MeOH)

*(EtOH, dioxane, toluene, NH₄OH)

Additional Information or Comments:

F.T.I.R. or G.C. Mass spec.

would have been the most efficient methods for identifying this sample.

D. Wakida test #3

DRUG ANALYSIS

1. Does the powder enclosed in the bindle contain a drug(s)?

If yes, what drug(s)? Phencyclidine - base

What other substances (incipients or diluents) can you detect?

None

2. Indicate data developed.

Methods used:

Data developed:

Marquis
Mecke
Froehde
Koppani
Cobalt Thiocyanate w/ addition of conc. HCl } neg.

} Screen

~~Barrett~~ Confirmatory testing by microcrystalline tests:
Potassium Iodide, 10% ammonium thiocyanate, 10% HBr.

3. Additional information or comments:

NOTE: Examine powder thoroughly.

D. Wakida

8/18/82

Drug Proficiency Test

The white powder was identified as containing morphine by the following tests:

Color Tests

Marquis: purple

Mecke: blue

Froehde: purple

Crystal Test:

Maxims w/10% HCl: long straight
needles

T.L.C

T₁ & TREA