

NEW TABLE					
{33} Smith File A64535-A64562: EDX Spectra, FTIR Spectra and 1 page Lab Notes File Date Range: May '94					
Document number	Date	Description of Document	Table	Decision	Reason for Decision
A64535	21/08/95	Copy of handwritten lab notes (26/5/94) re Residue in Touchphone 200	C	Released in full	
A64536-A64548	26/05/94	Graphs re Residues in Touchphone 200 C	C	Released in full	
A64549-A64562	24/05/94	Composition graphs of residue in Touchphone 200	C	Released in full	

ALAN - SMITH 28th Nov 1995

NOT RECEIVED UNTIL 28 NOVEMBER 1995

5

35A

26/5/94

Residue in Touchphone 200
for Doug Kitchin

Beer residue
(dried overnight)
at RT

beerres.dt

256 scan

on diamond (single)

100 x 100 μ m approx.

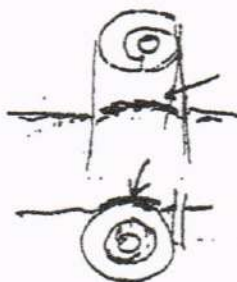
Ar. purge.

Beer residue
not completely
dried

beerres1q.dt

bram, viscous liq.
on phone

fove1q.dt



beerresgl.dt = beerresin + glycerol + H₂O

glycerol = glycerol.dt

cobbeesudt 1 + 1 kaspom (internal) coffee + sugar
(sucrose).
- white

Exhibit AS 1

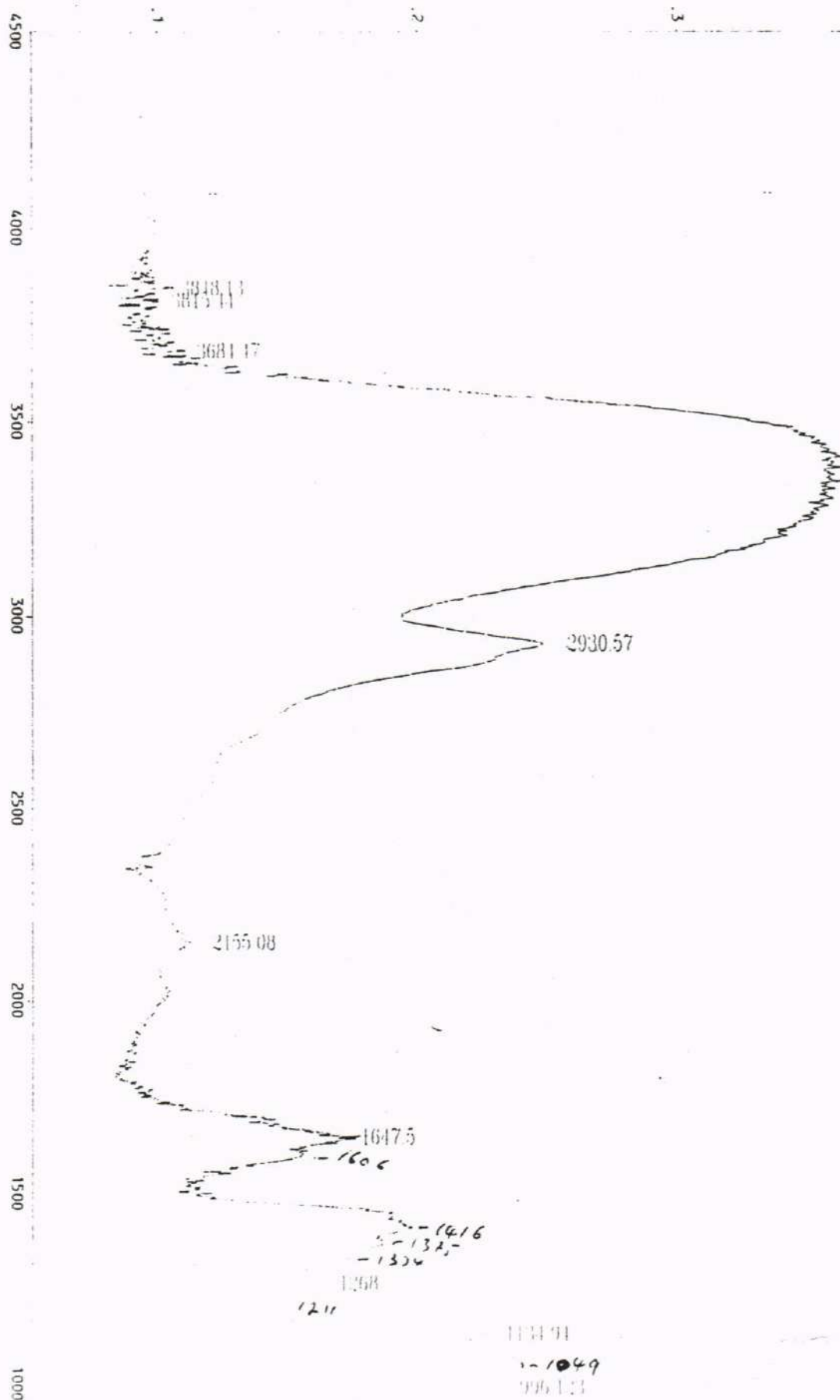
Copy from original
Laboratory notebook
of Doug Kitchin
24/5/95

A64535

File # 1 = COFFEESU

Residues in Trenches was 26/5/94.

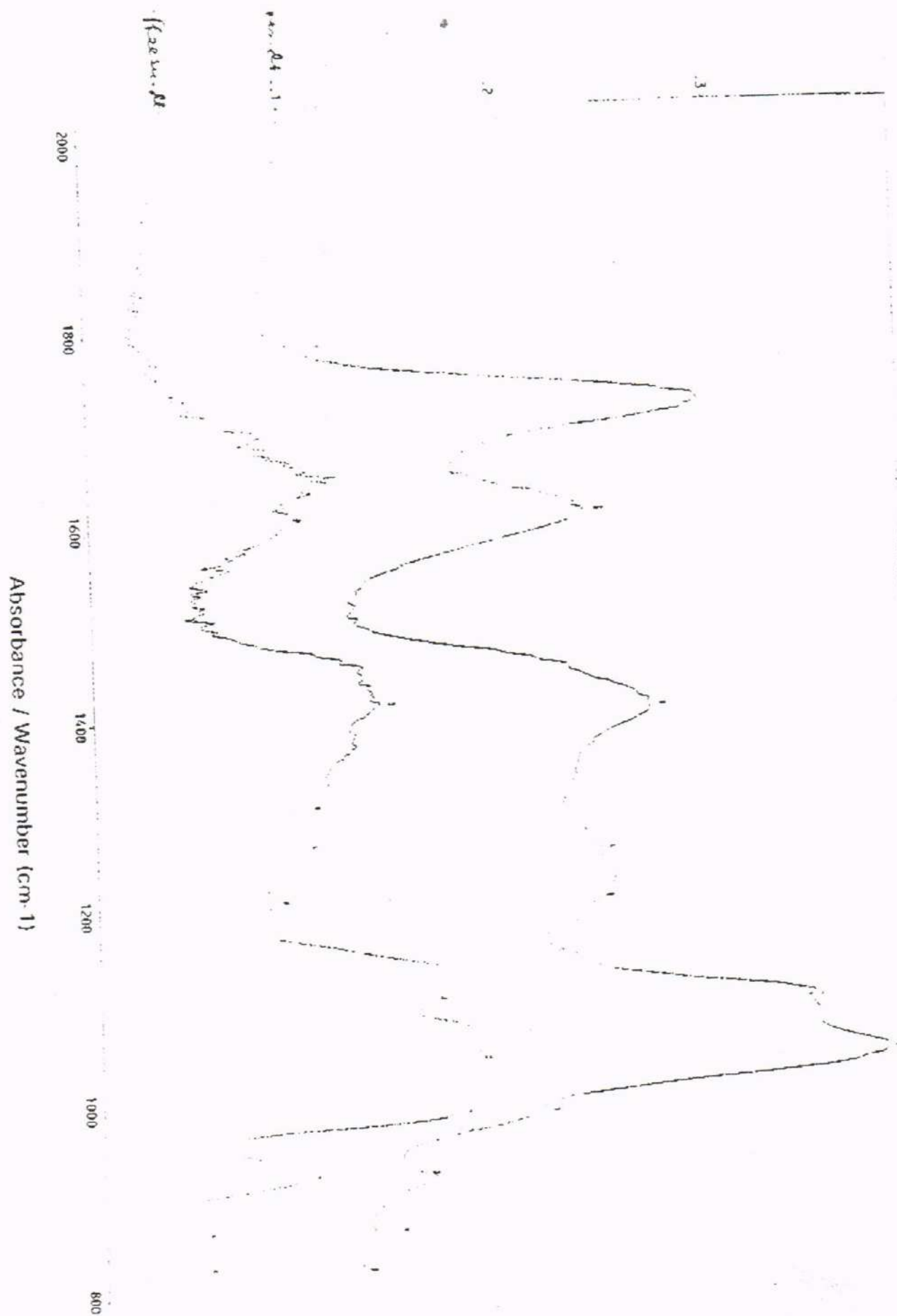
Absorbance / Wavenumber (cm-1)



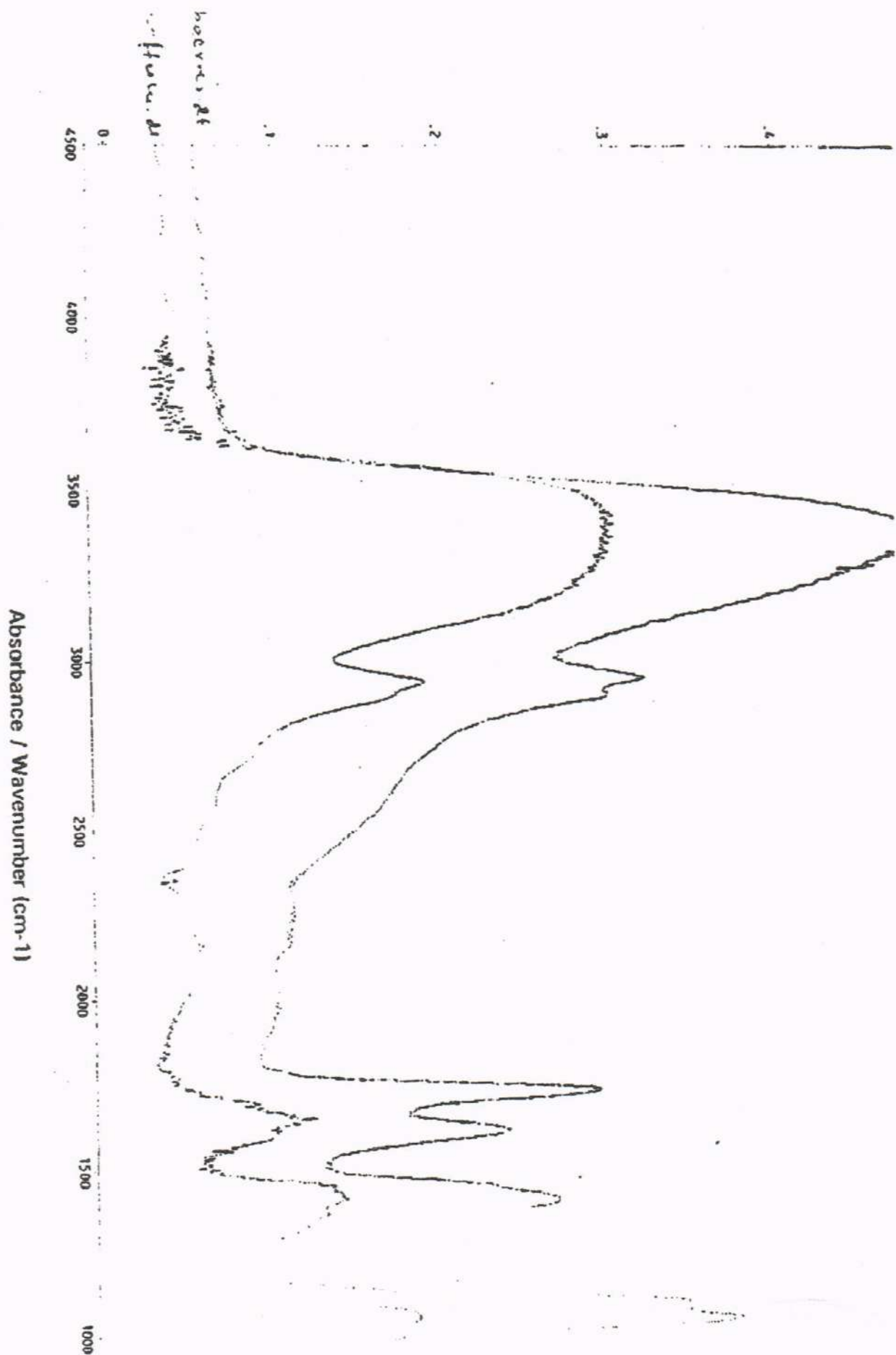
A64536

5

File # 2 : COFFEESU

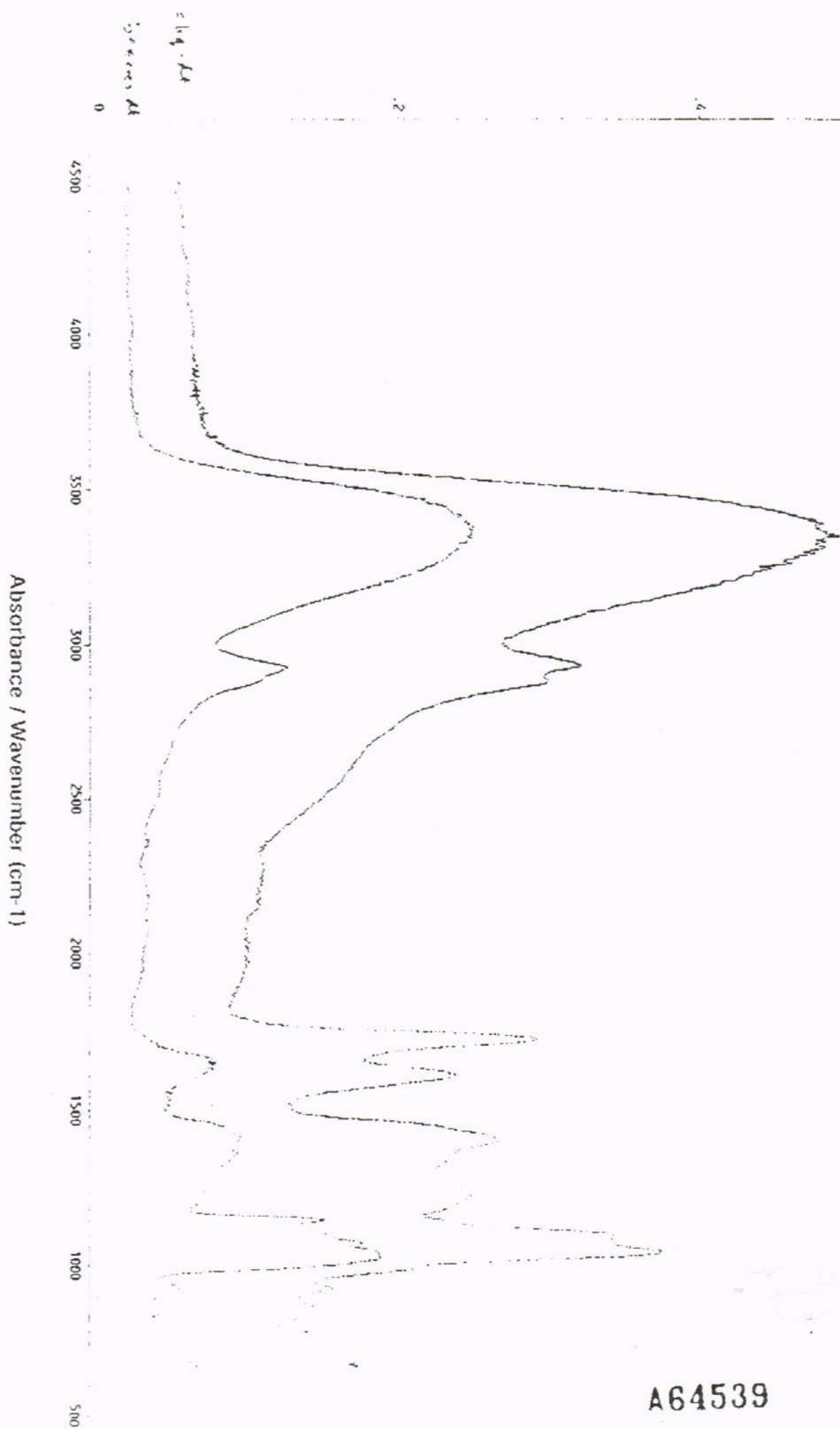


A64537

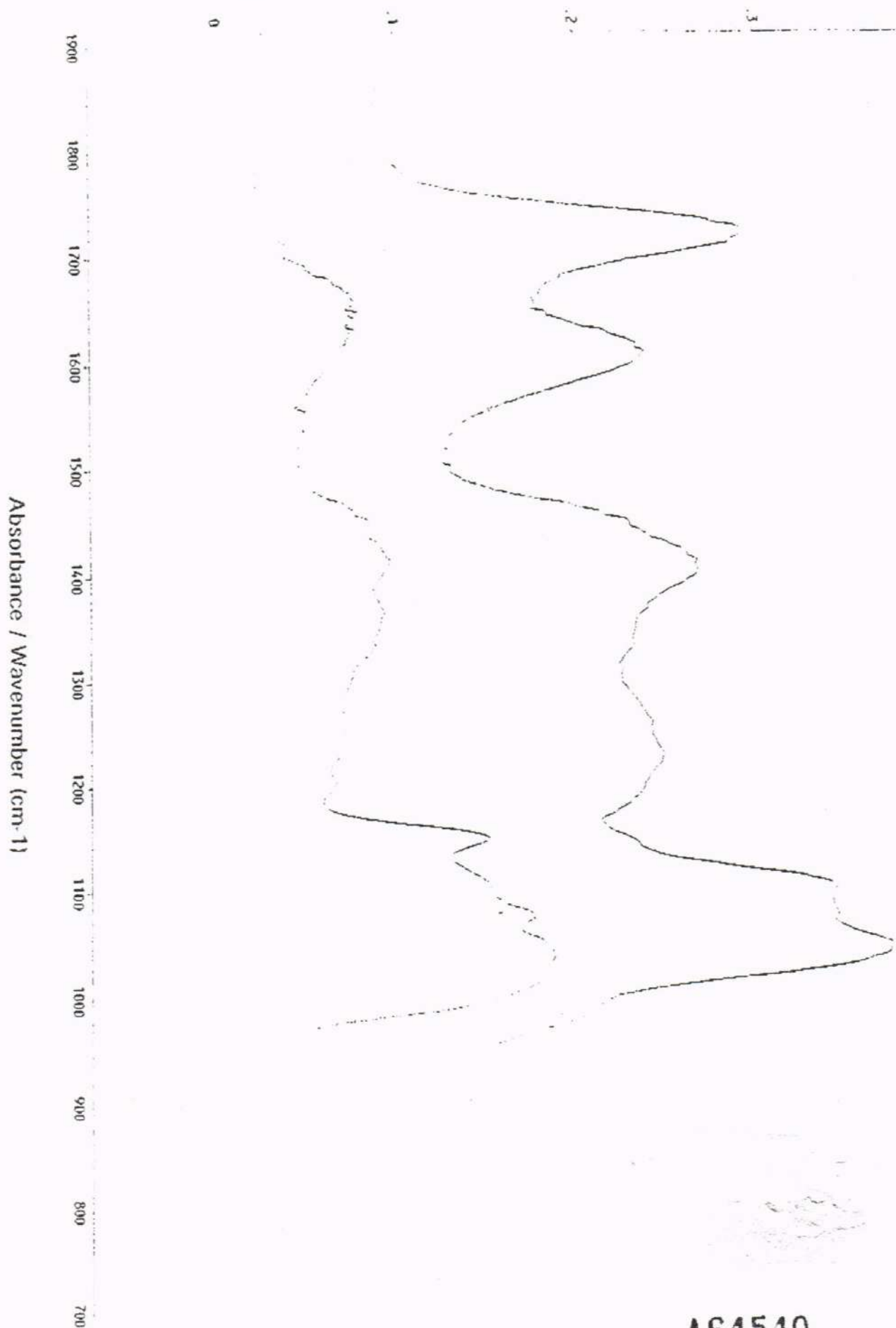


A64538

File # 2 = BEERES



A64540



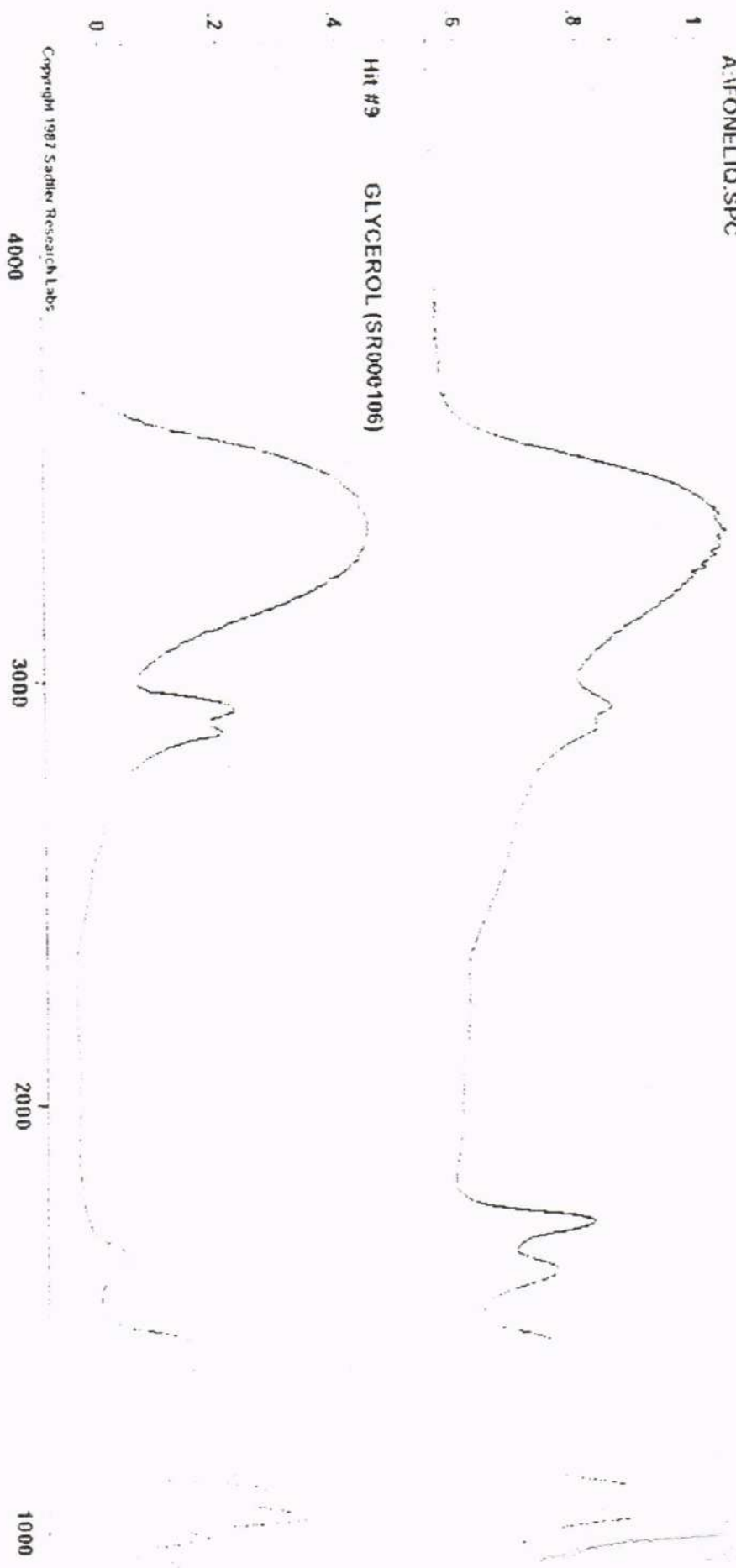
File # 2 = BEERRES

SEARCH METHOD: 1st Deriv Least Squares
Sample Name = FONELIQ.SPC
Search Date = 5/26/94 3:55 PM
Mask Used = None

Peak Search = None
Full Spectrum Search = 1st Deriv Least Squares
C1

A64541

A:FONELIQ.SPC



Copyright 1987 Sadtler Research Labs

HIT #9 GLYCEROL (SR000106)

Hit List

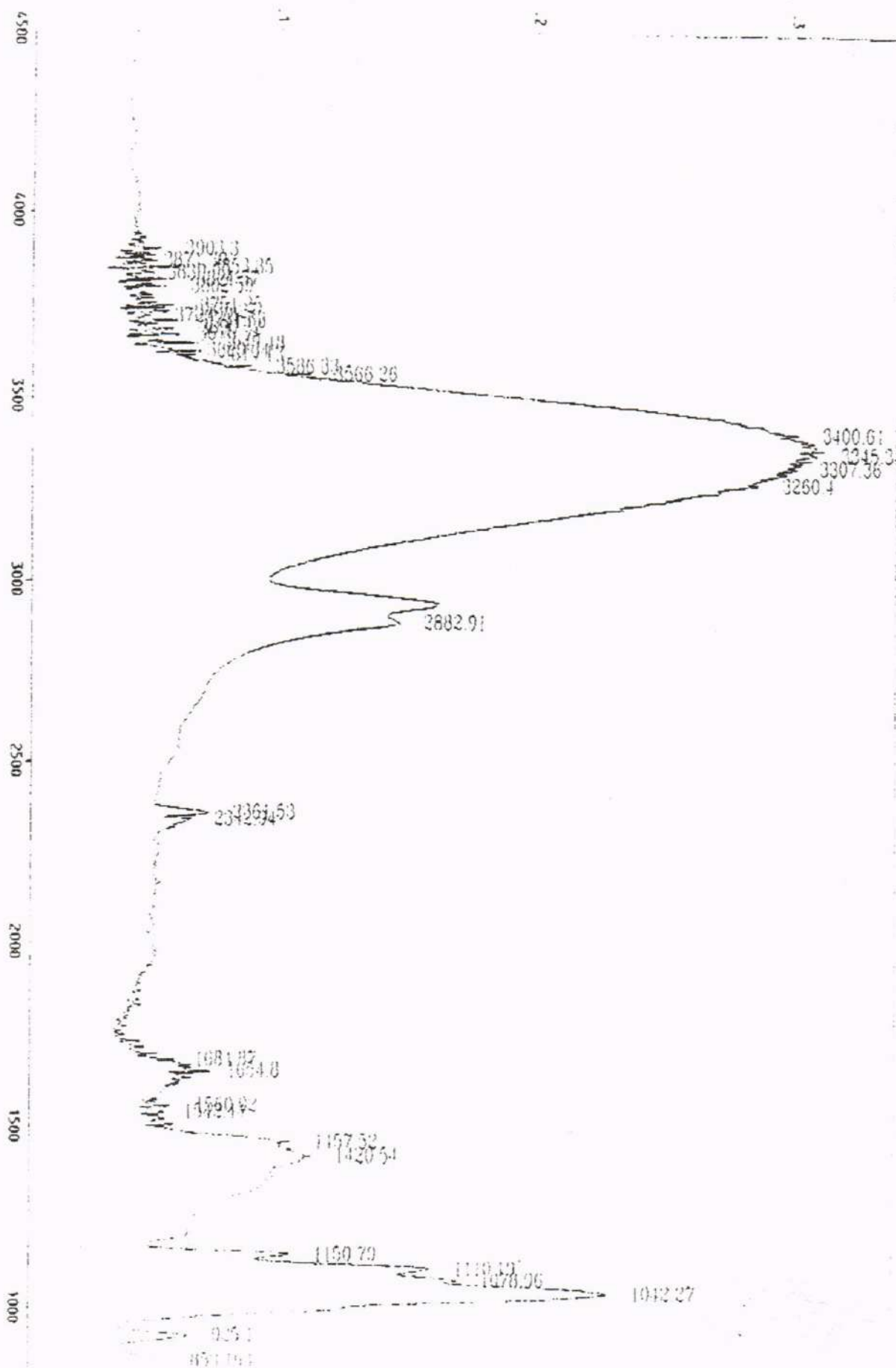
Library
RI SR LIB#106
M LIB#797

Hit Quality	Number	SPC Identification
.01767	9	GLYCEROL
.01825	10	DUREZ 118 BLACK

Wavenumber (cm-1)

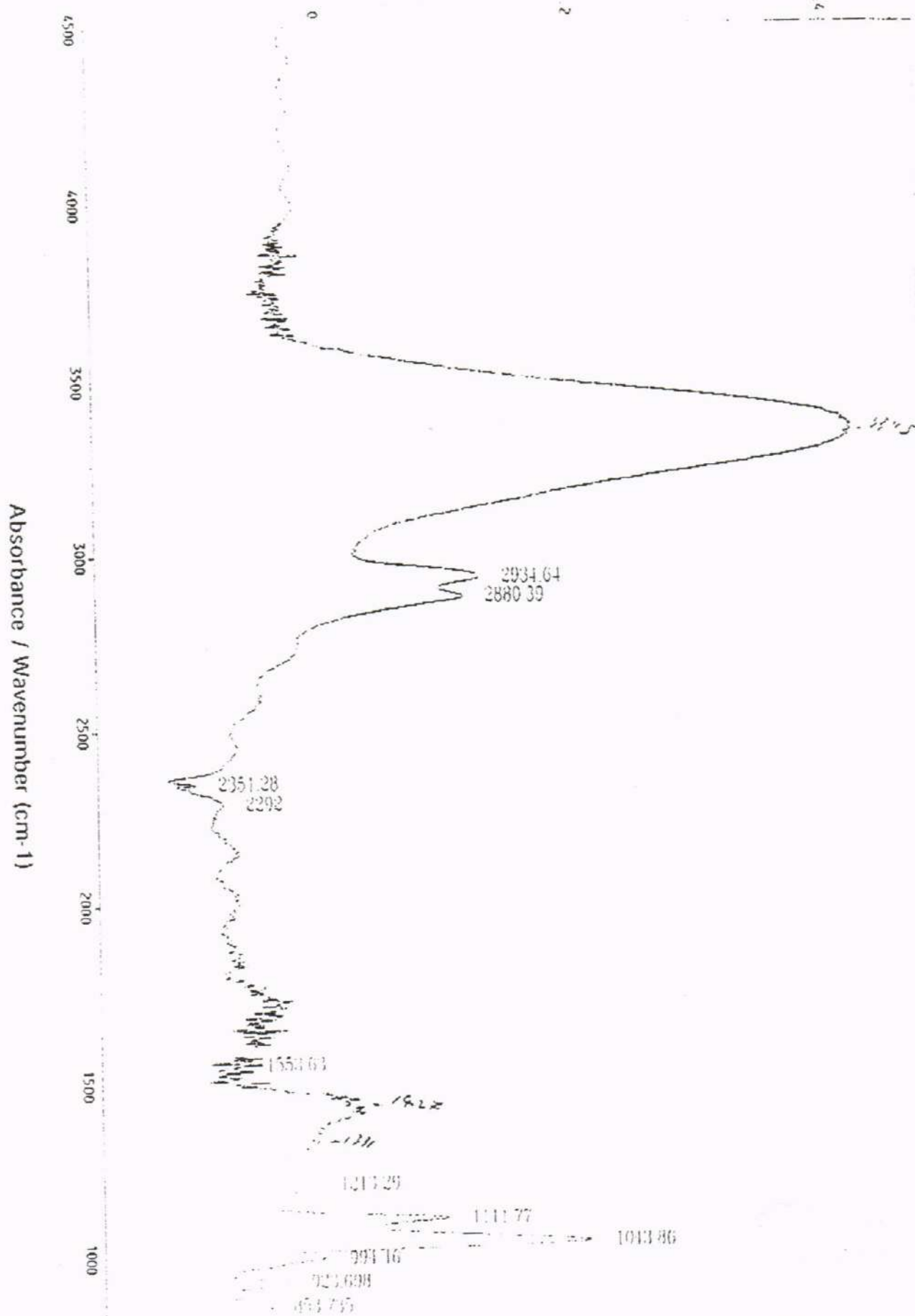
File # 1 = BEERESGL

Absorbance / Wavenumber (cm-1)



A64542

File # 1 = GLYCEROL

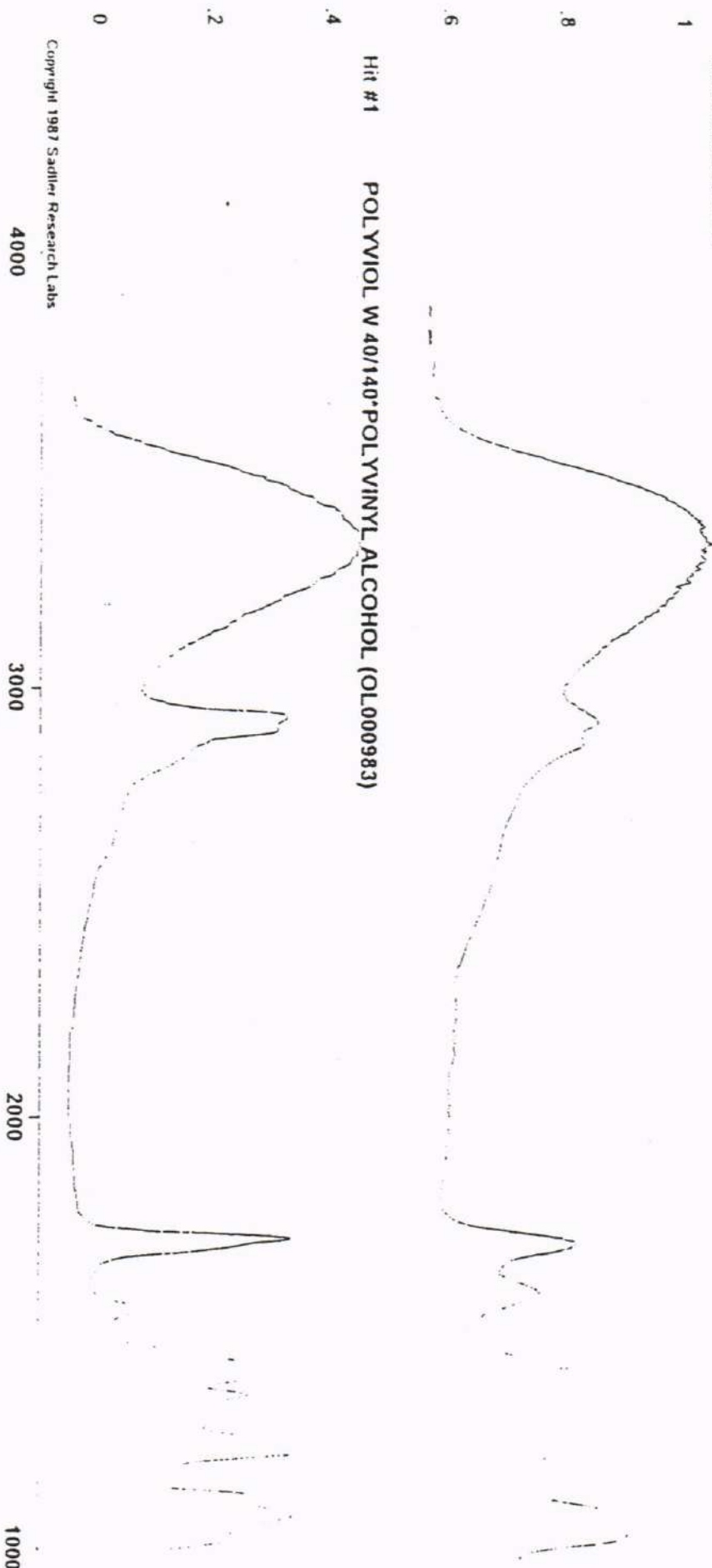


A64543

Search Method for A:\FONELIQ.IDS
 Sample Name = FONELIQ.SPC
 Search Date = 5/26/94 3:55 PM
 Mask Used = None

Text Search = None
 Peak Search = None
 Full Spectrum Search = 1st Deriv Least Squares
 C1

A:\FONELIQ.SPC



Copyright 1987 Sadtler Research Labs

Hit List

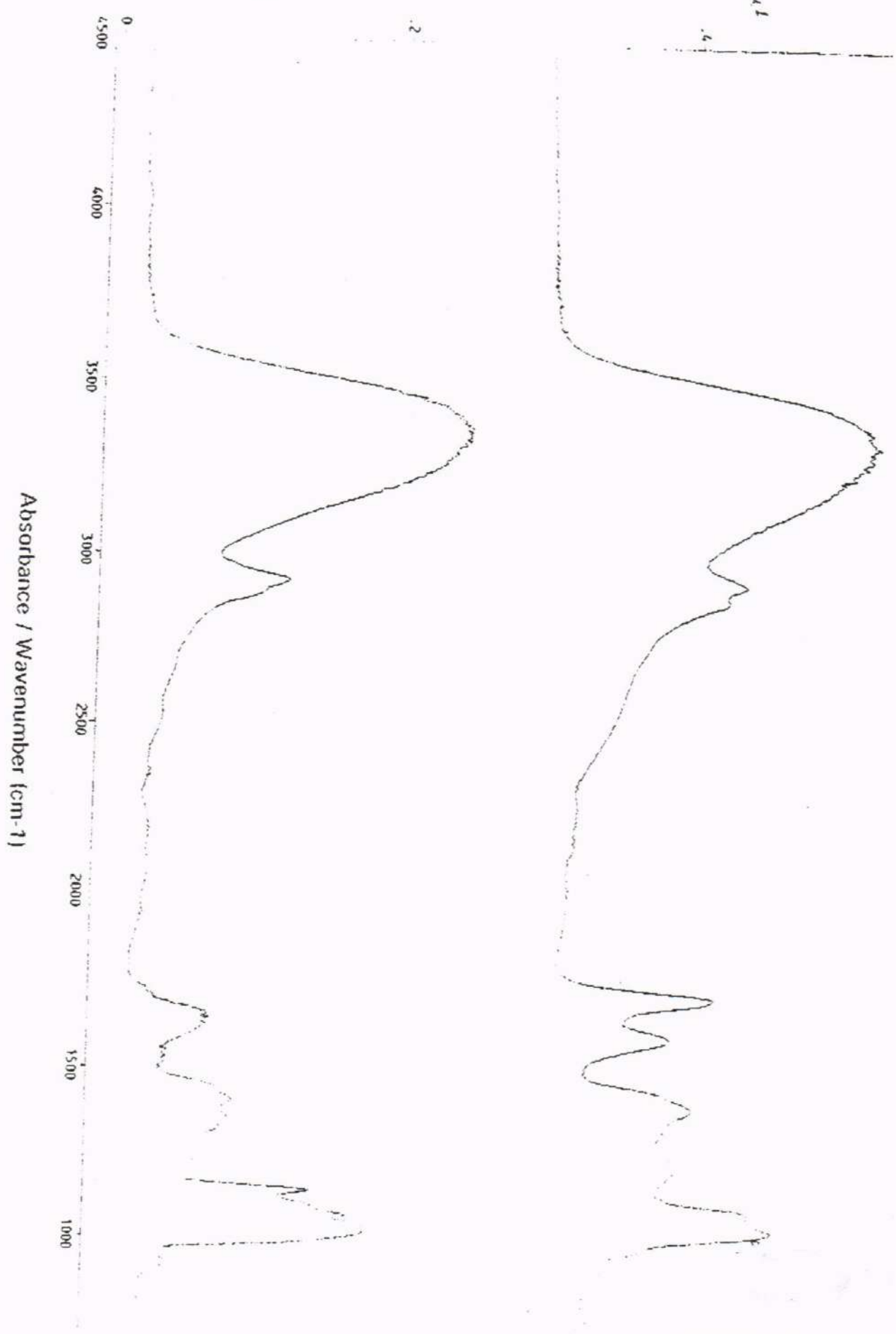
Library
 OL LIB#853
 OL LIB#1430
 OL LIB#857
 OL LIB#856
 OL LIB#1278
 OL LIB#852
 OL LIB#851
 OL LIB#1429
 SRI SR LIB#106
 OM LIB#797

Hit Quality	Number	SPC Identification
.0123	1	POLYIOL W 40/140 POLYVINYL ALCOHOL
.01334	2	PYROSET FLAME RETARDANT TKS
.01379	3	LEMOFLEX 2915 MODIFIED POLYVINYL ALCOHOL
.01474	4	LEMOFLEX 2913 MODIFIED POLYVINYL ALCOHOL
.01504	5	AMBERLYST A-29 ION EXCHANGE RESIN
.01588	6	POLYIOL M 05/140 POLYVINYL ALCOHOL
.01672	7	VINOL 540 PARTIALLY HYDROLYZED POLYVINYL ALCOHOL
.01677	8	TETRAKIS (HYDROXYMETHYL) PHOSPHONIUM CHLORIDE FLAME RETARDANT 80% SOLUTION
.01767	9	GLYCEROL
.01825	1	DUREZ 118 BLACK

A64544

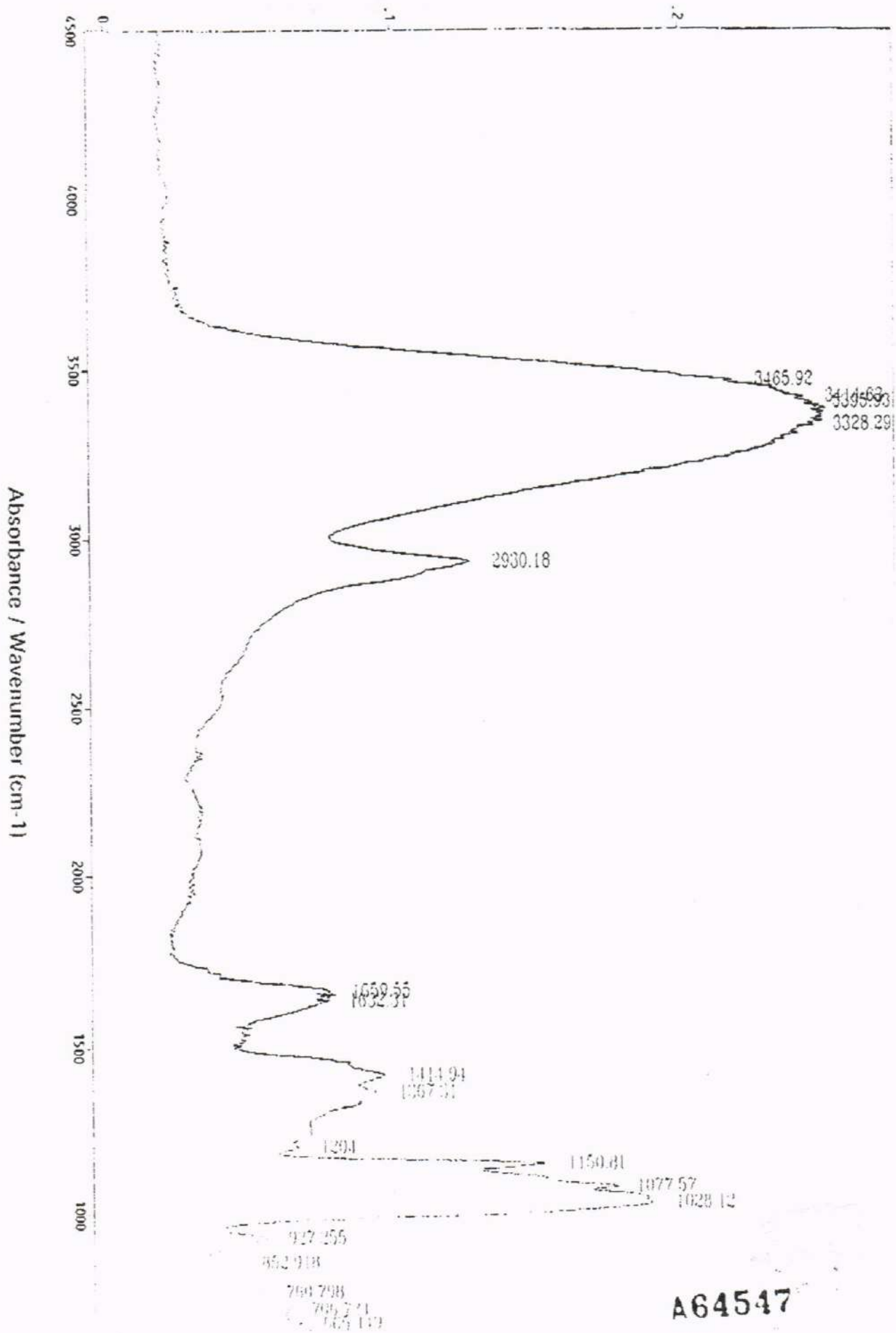
1.3, 1.1

1.1, 1.1



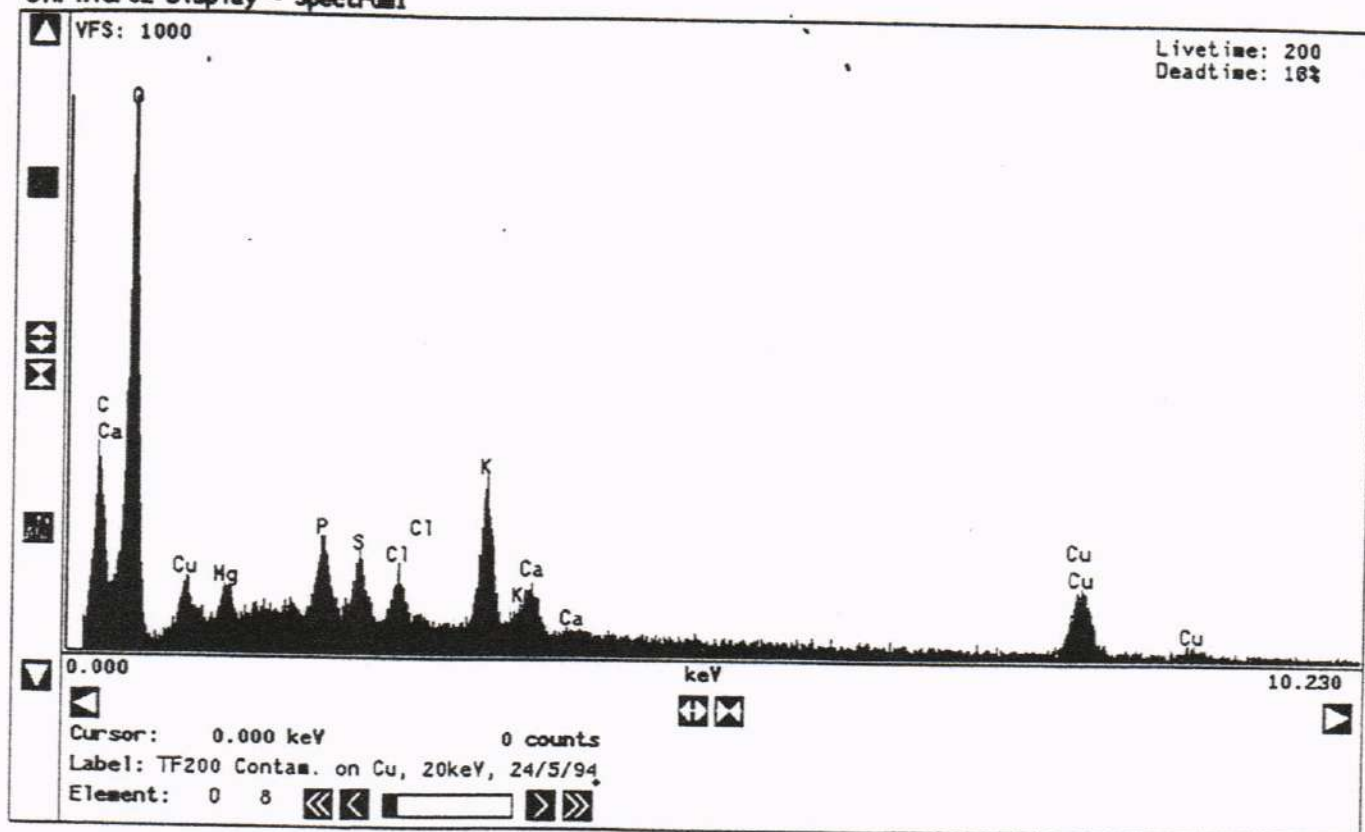
File # 2 = BEERRES

A64545



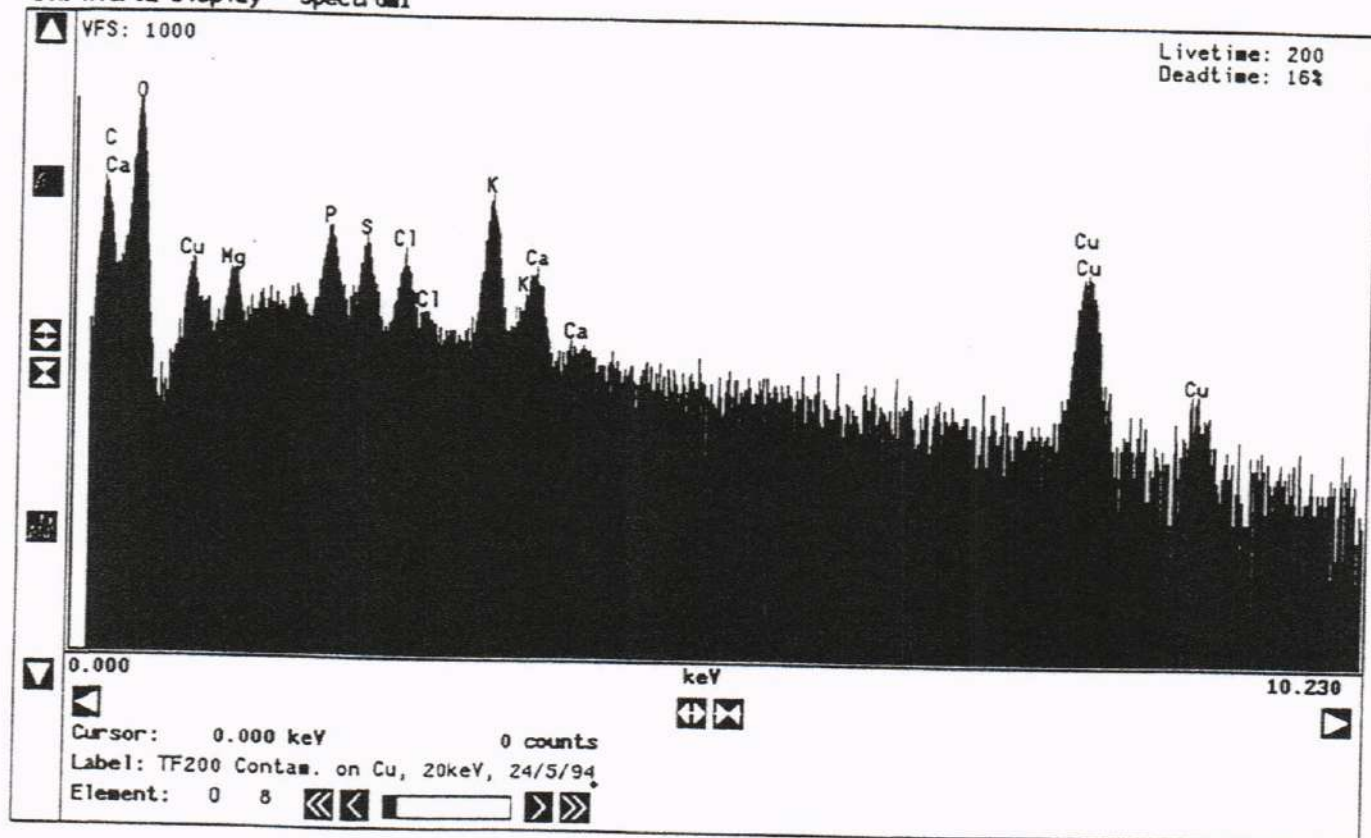
A64547

UTM-MicroZ Display - Spectrum1



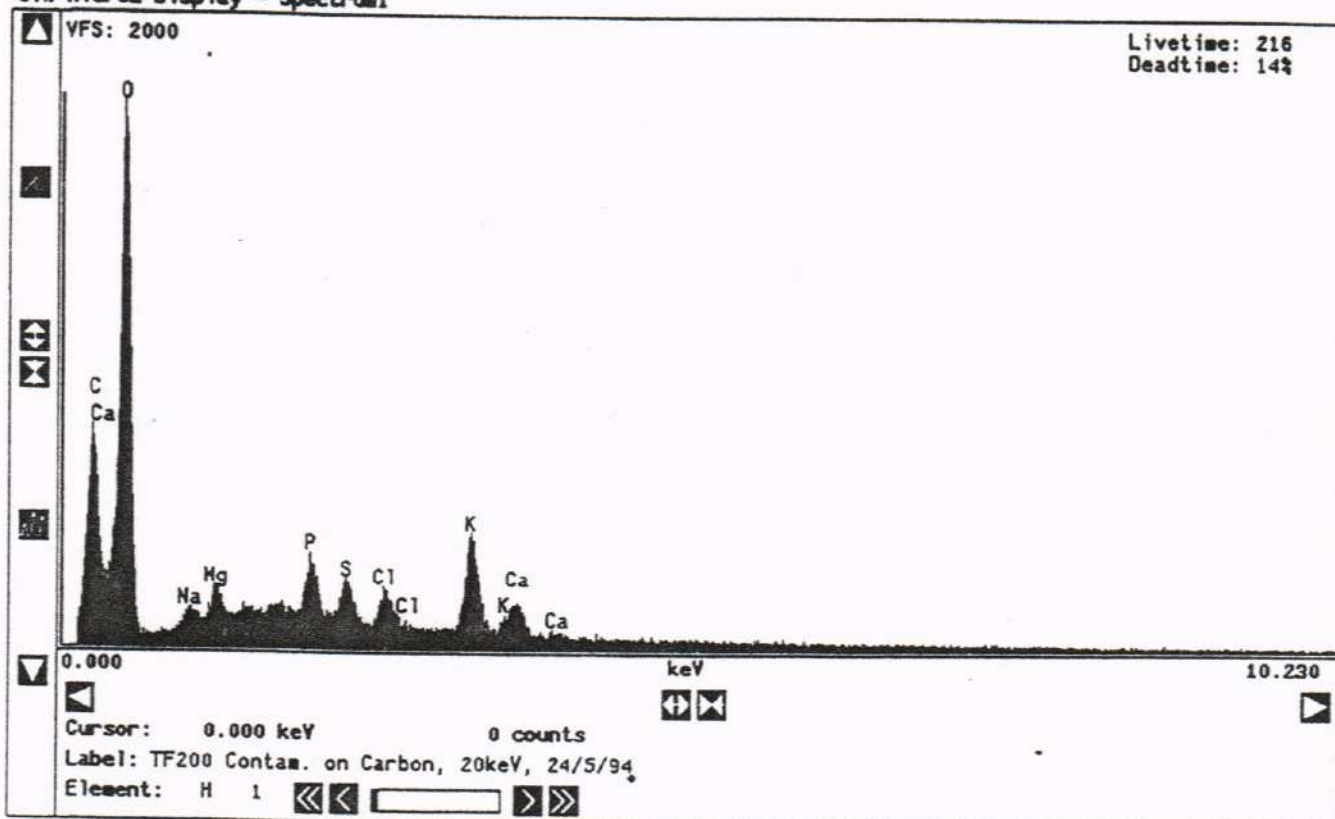
A64549

UTM-MicroZ Display - Spectrum1



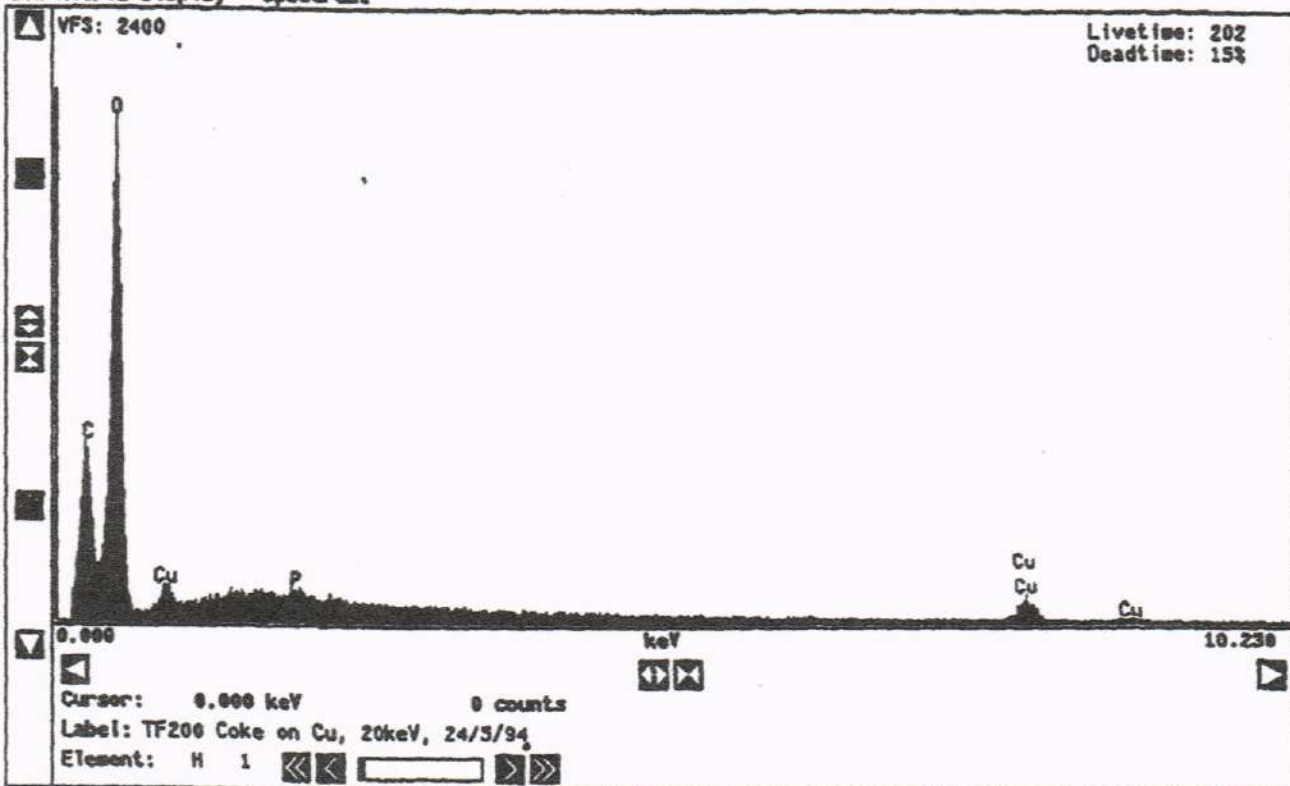
A64550

UTM-MicroZ Display - Spectrum1



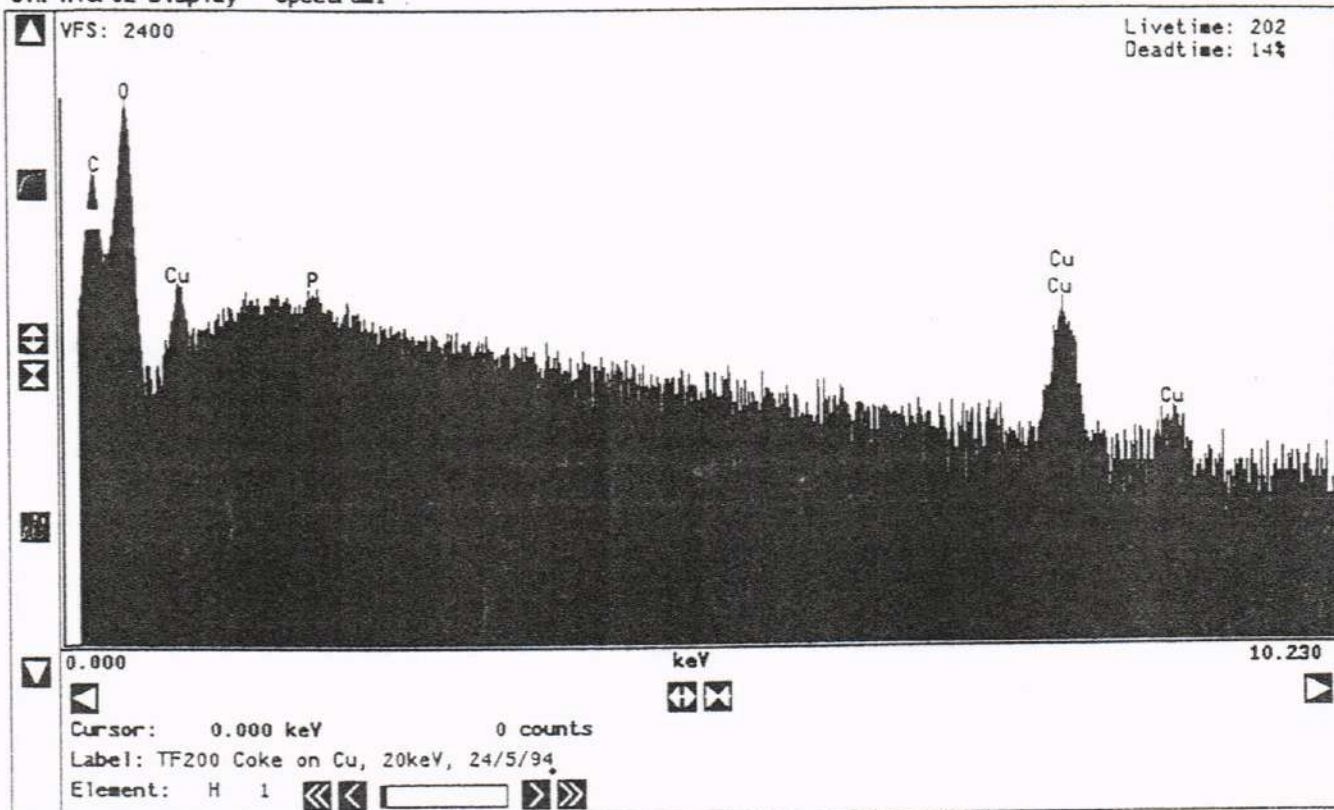
A64551

UTM-MicroZ Display - Spectrum



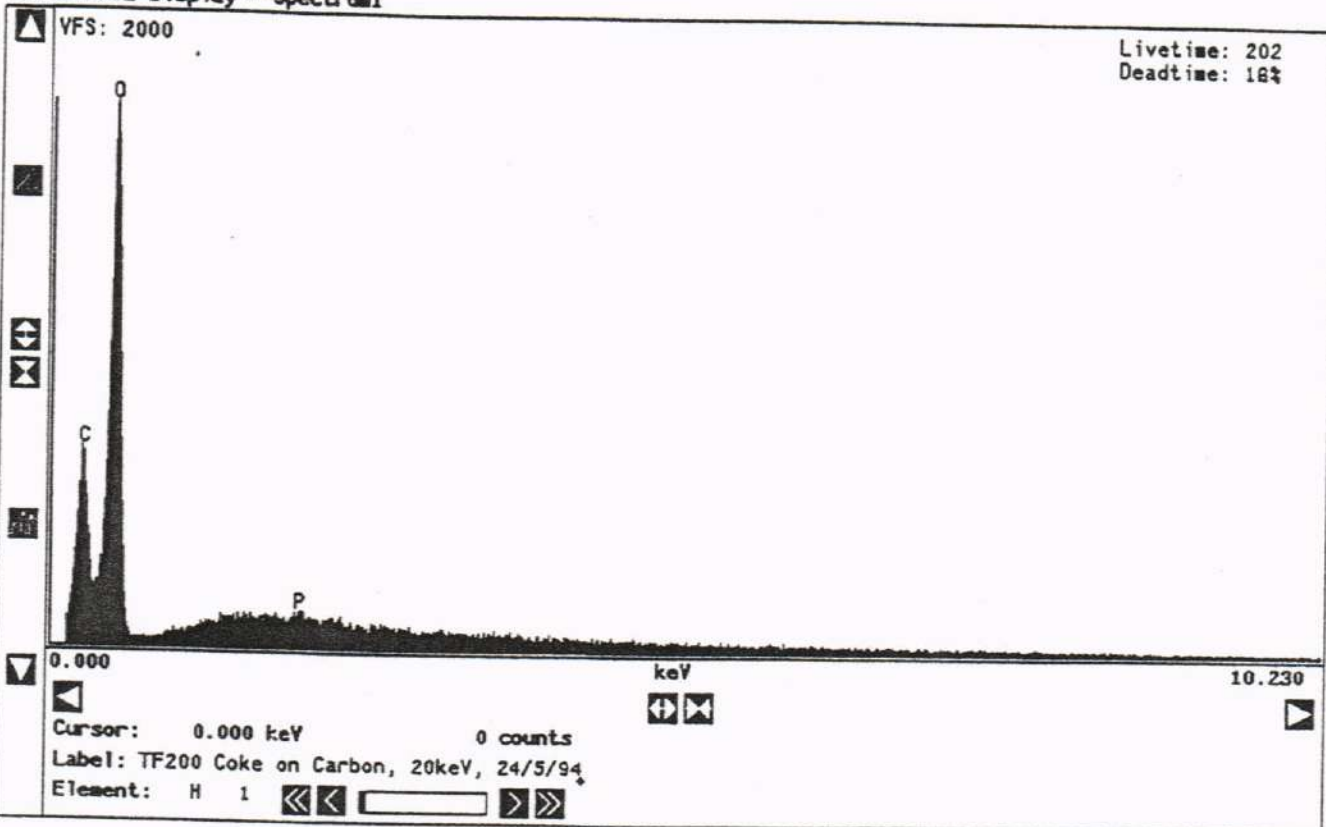
A64553

UTM-MicroZ Display - Spectrum1



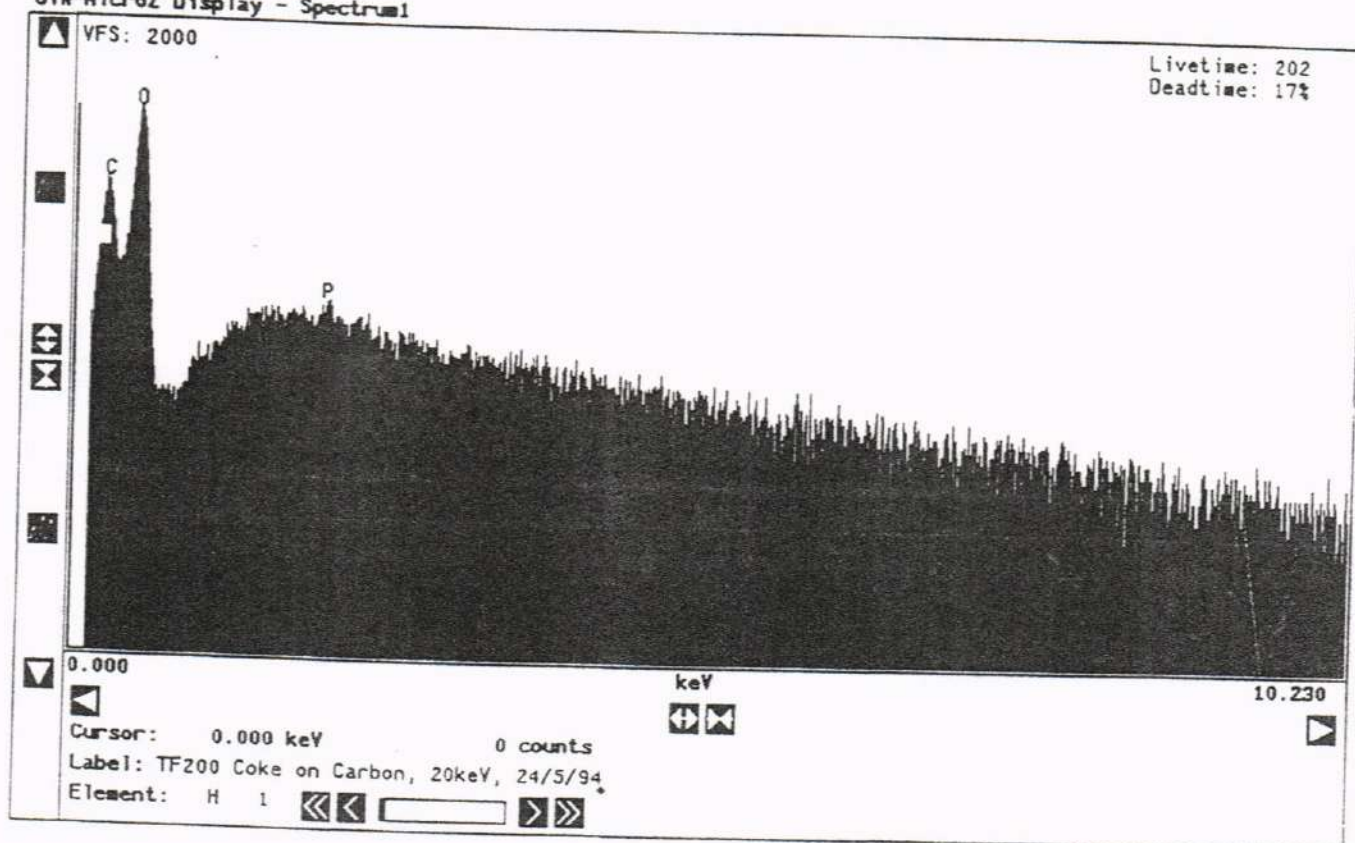
A64554

UTM-MicroZ Display - Spectrum1



A64555

UTM-MicroZ Display - Spectrum1

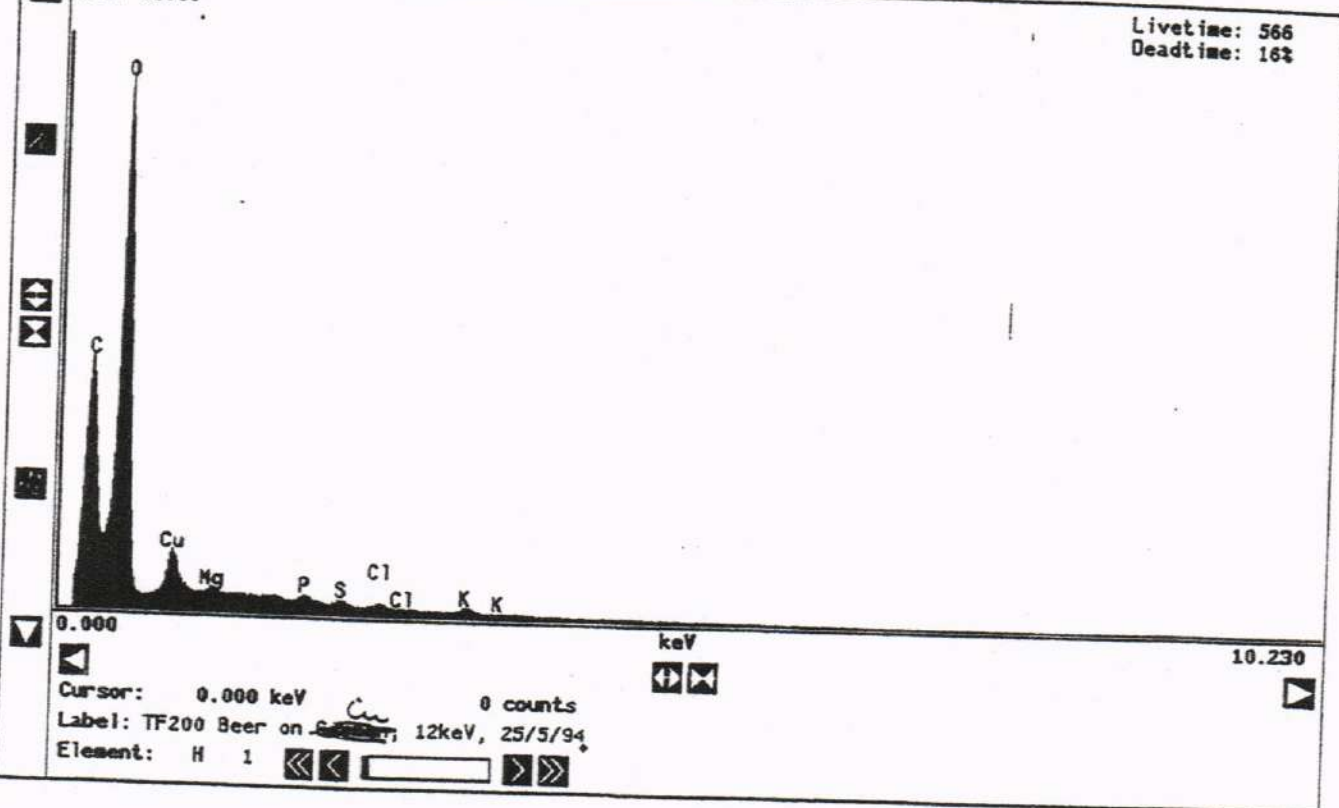


A64556

UTM-MicroZ Display - Spectrum

VFS: 11000

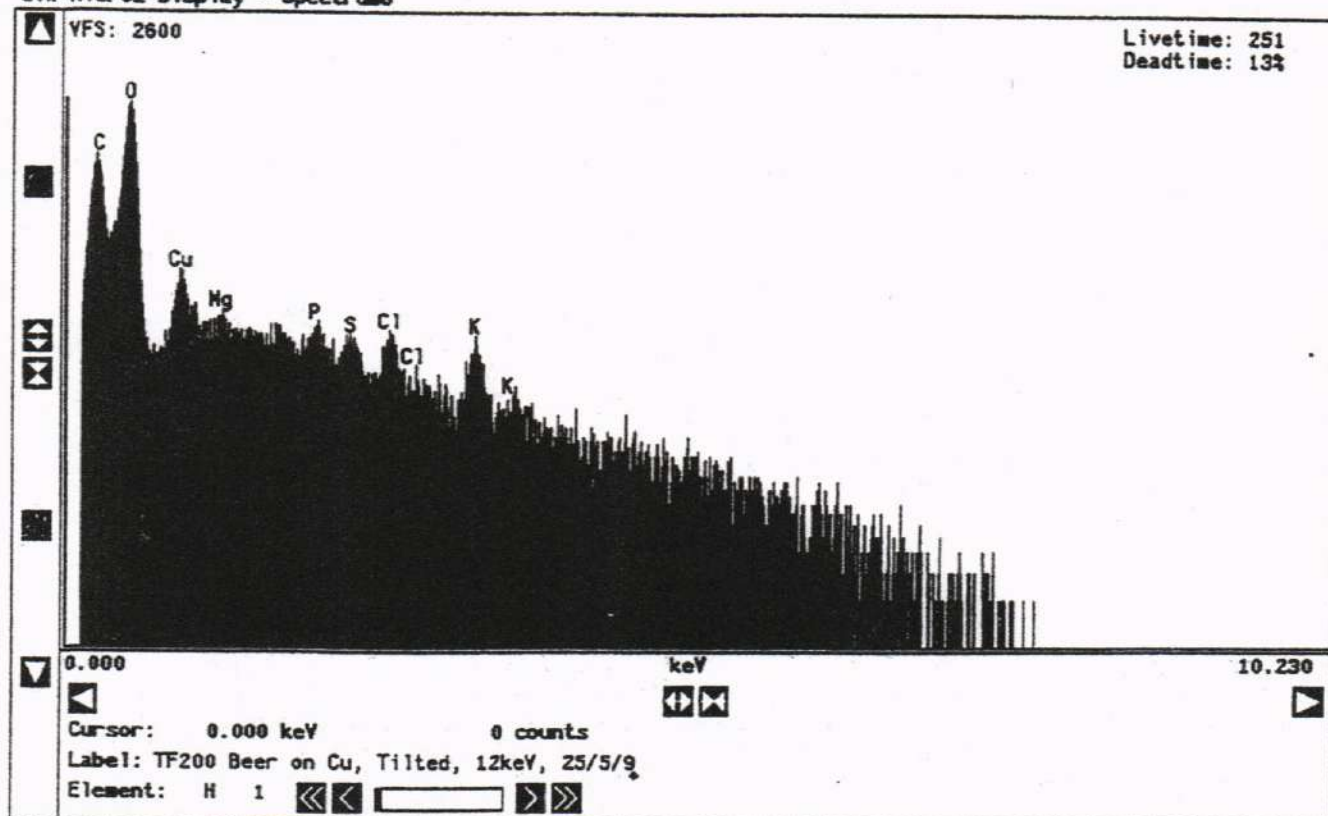
Livetime: 566
Deadtime: 16%



Cursor: 0.000 keV 0 counts
Label: TF200 Beer on *Cu*, 12keV, 25/5/94
Element: H 1

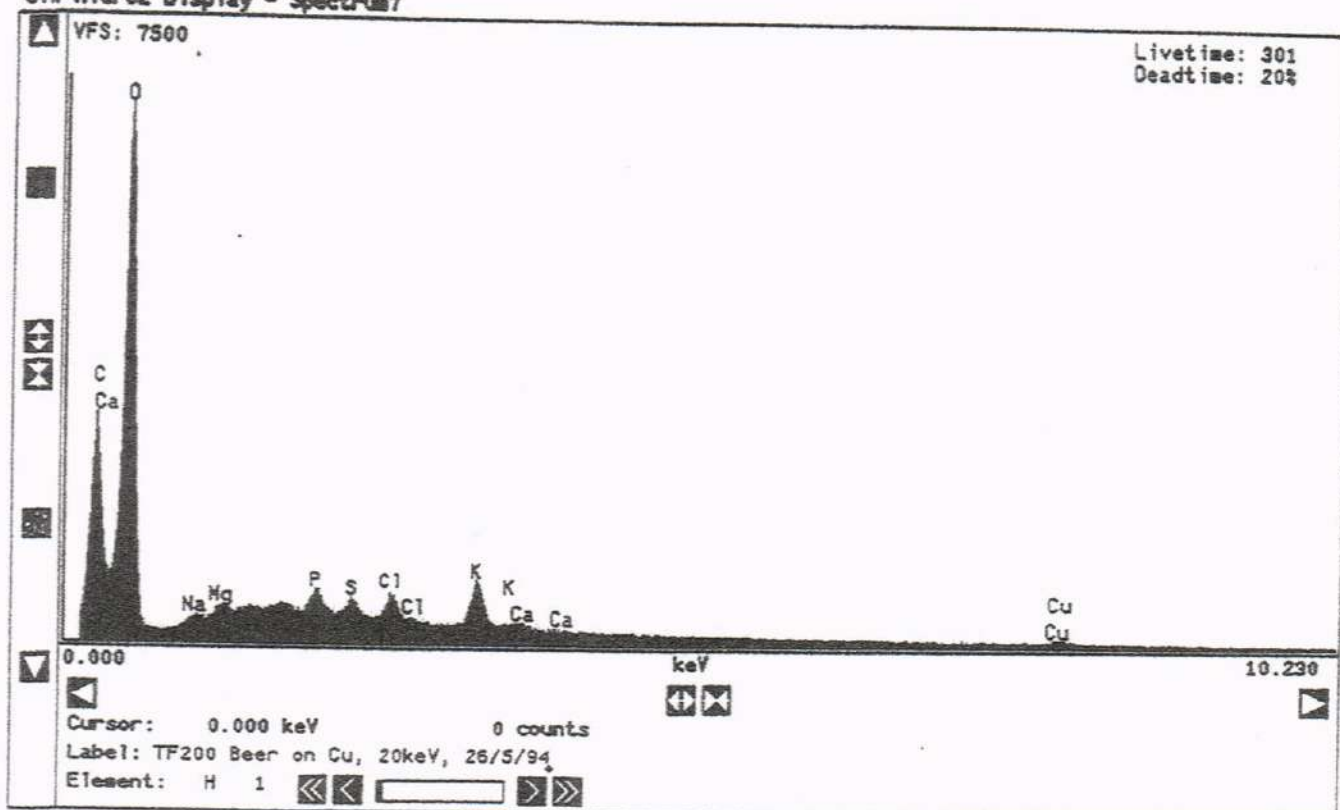
A64557

UTM-MicroZ Display - Spectrum



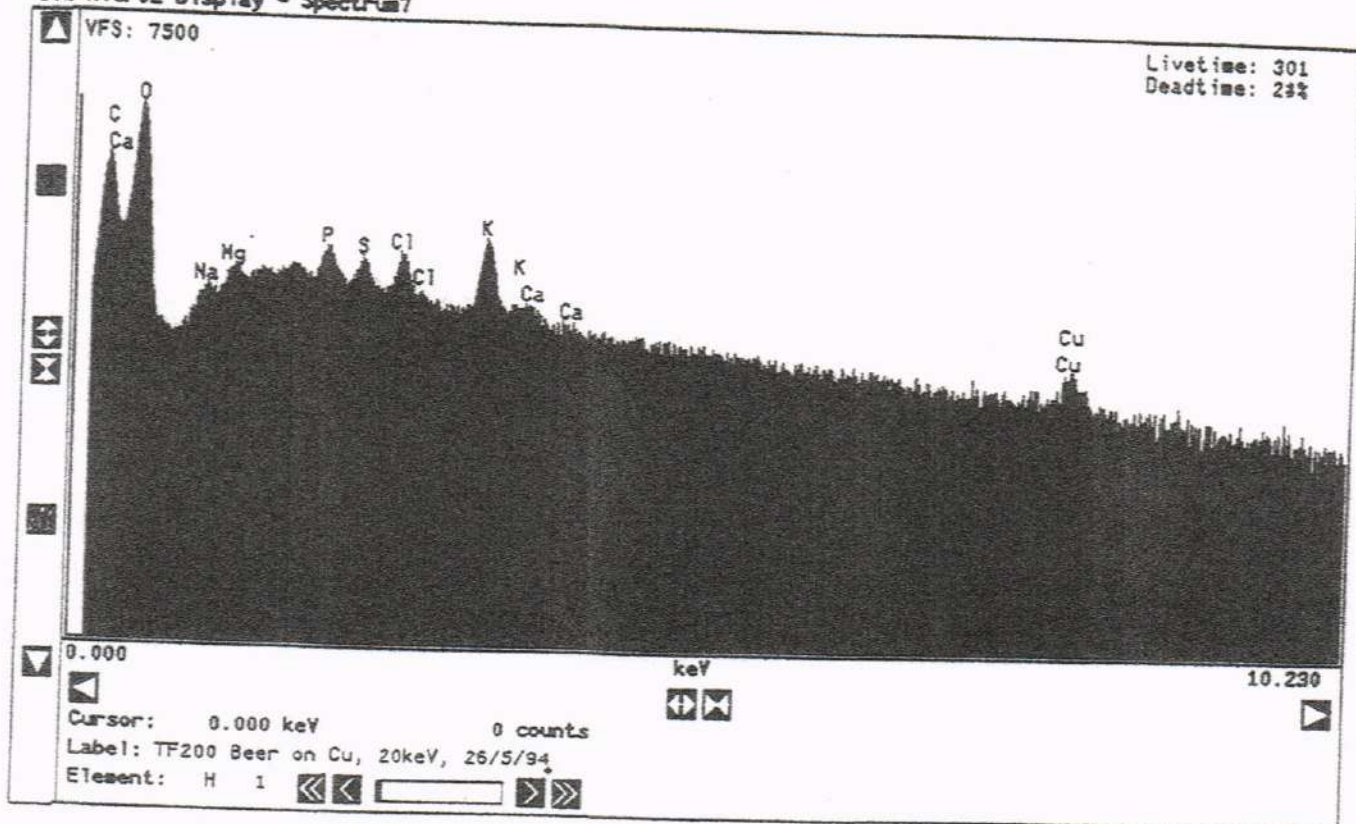
A64538

UTM-MicroZ Display - Spectrum7

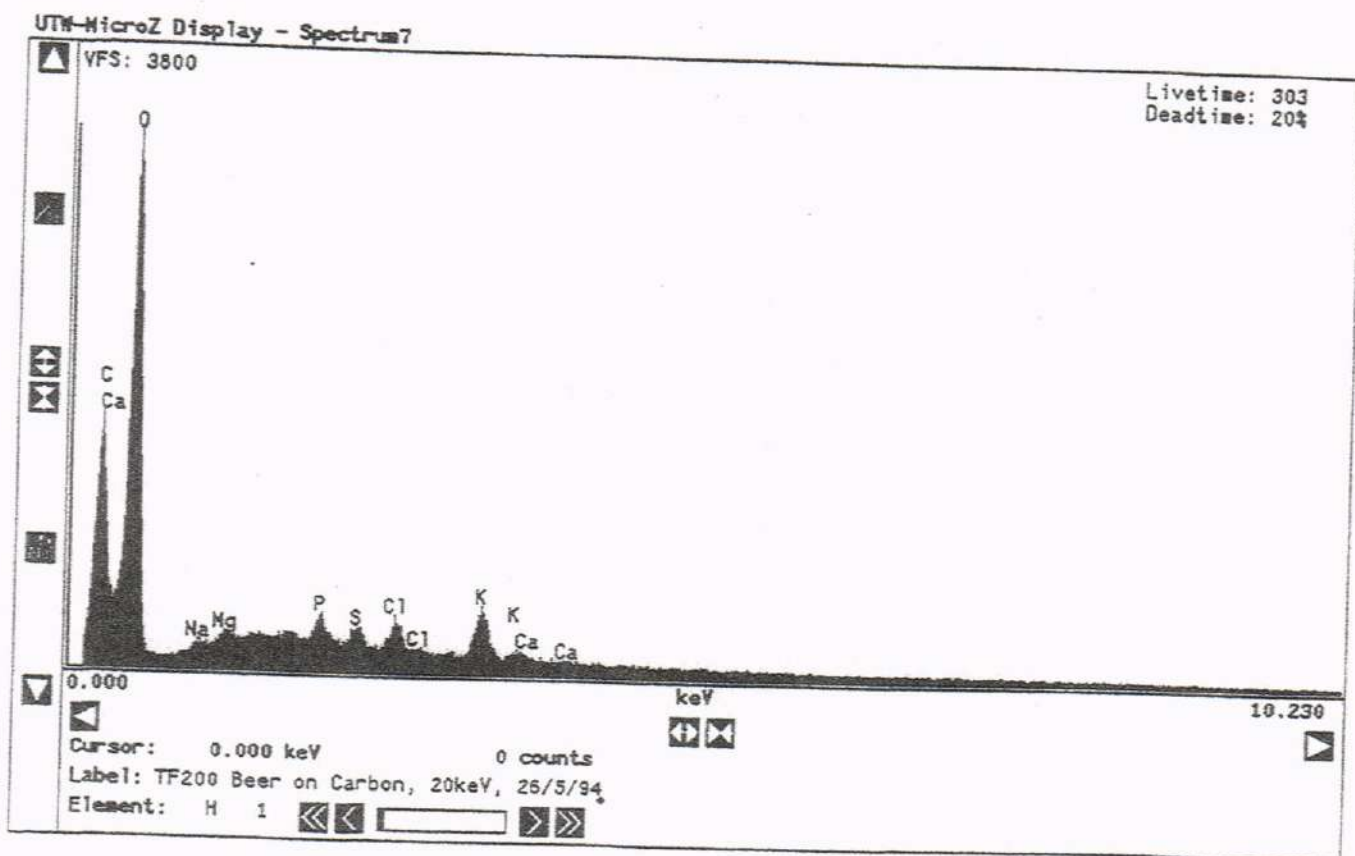


A64559

UTM-MicroZ Display - Spectrum7

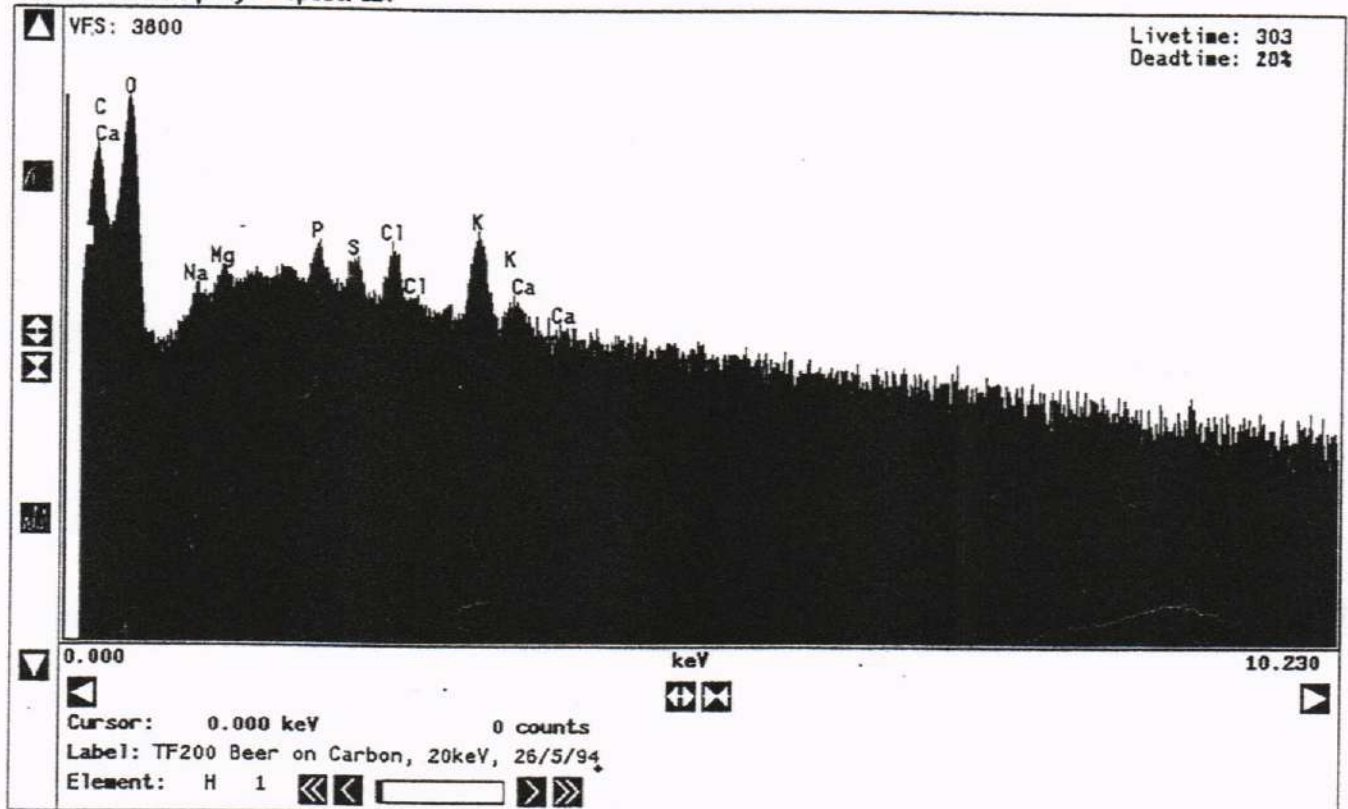


A64560



A64561

UTM-MicroZ Display - Spectrum7



5

A64562