DISTRIBUTION SHEET

To	From	Page 1 of 1
DISTRIBUTION	ANALYTICAL SERVICES	Date: 03/08/95
Project Title/Work Order WHC-SD-WM-DP-098, Rev. 0 45-DAY SAFETY SCREEN RESULTS FOR TANK 241-AP-107, GRAB SAMPLES		EDT NO.: EDT-610406 ECN NO.: N/A

Name	MSIN	Text With all Attach	Addendum 1A Only	EDT/ECN Only
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S. G. McKinley	P7-22			X
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C. A. Babel	S7-54	X		
J. M. Clark	S7-54			X
Westinghouse Hanford Company				
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H. Babad	S7-30			X
J. L Deichman	H4-19			X
G. T. Dukelow	S7-15			X
C. E. Golberg	H5-49			X
D. C. Hetzer	S6-31			X
J. G. Hill	K7-97	X		
L. Jensen	T6-07	X		
G. D. Johnson	S7-15			X
T. J. Kelly	S7-30			X
N. W. Kirch	R2-11			X
J. G. Kristofzski	T6-06			X
N. G. McDuffie	S7-15			X
J. E. Meacham	S7-15			X
G. L. Miller	T6-06			X
P. M. Morant	H4-25			X
A. F. Noonan	K9-81	X		
R. D. Schreiber	R2-12			X
P. Sathyanarayana	R2-12			2
B. C. Simpson	R2-12			X
D. A. Turner	S7-15			X
J. A. Voogd	R4-01			X
B. T. Von Bargen	R1-43			X
O. S. Wang	S7-15			X
W. I. Winters	T6-50			X
Central Files	L8-04	2		
EDMC	H6-08	X		
LTIC	T6-03			X
OSTI	L8-07	2		
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MAR 08 1995
55 Sta. 5

ENGINEERING DATA TRANSMITTAL

1. EDT 610406

2. To: (Receiving Organization)	3. From: (Originating Organization)	4. Related EDT No.:
Distribution	Program Support	N/A
5. Proj./Prog./Dept./Div.:	**6. Cog. Engr.:**	**7. Purchase Order No.:**
Tank 241-AP-107/Waste Management/PS/AS	George L. Miller	N/A

8. Originator Remarks:
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14. Required Response Date: 03/08/95

15. DATA TRANSMITTED

(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition
1	WHC-SD-WM-DP-098	N/A	0	45-Day Safety Screening Report for Grab Samples from Tank 241-AP-107	Q	2	1	

16. KEY

Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)	1. Approval 4. Review 2. Release 5. Post-Review 3. Information 6. Dist. (Receipt Acknow. Required)	1. Approved 4. Reviewed no/comment 2. Approved w/comment 5. Reviewed w/comment 3. Disapproved w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)

(G) Reason	(H) Disp.	(J) Name (K) Signature (L) Date (M) MSIN	(J) Name (K) Signature (L) Date (M) MSIN	(G) Reason	(H) Disp.
2	1	Cog.Eng. G. L. Miller 3/7/95 T6-08			
2	1	Cog. Mgr. J. G. Kristofzski 3/8/95 T6-08			
		QA Eng W.A. Hendrickson 3/7/95 B620			
		Safety			
		Env.			

18. A. E. Young 3-7-95
Signature of EDT Originator — Date

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20. J. G. Kristofzski 3/8/95
Cognizant Manager — Date

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- ☐ Approved
- ☐ Approved w/comments
- ☐ Disapproved w/comments

BD-7400-172-2 (04/94) GEF097

RELEASE AUTHORIZATION

Document Number:	WHC-SD-WM-DP-098, REV.0
Document Title:	45-Day Safety Screening Report for Grab Samples from Tank 241-AP-107
Release Date:	March 8, 1995

This document was reviewed following the procedures described in WHC-CM-3-4 and is:

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:

Kara M. Broz — March 8, 1995

SUPPORTING DOCUMENT

1. Total Pages 33

2. Title	3. Number	4. Rev No.
45-Day Safety Screening Report for Grab Samples from Tank 241-AP-107	WHC-SD-WM-DP-098	0

5. Key Words	6. Author
45-Day, Safety Screening, 45-Day Safety Screening, Grab Samples, Tank 241-AP-107, Tank AP-107, AP-107	Name: George L. Miller Signature Organization/Charge Code 8E480/MDR21

7. Abstract

N/A

8. RELEASE STAMP

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DATE MAR 08 1995
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Westinghouse
Hanford Company

P.O. Box 1970 Richland, WA 99352

WHC-SD-WM-DP-098, REV. 0

ANALYTICAL SERVICES

Project: 45-DAY SAFETY SCREENING REPORT FOR GRAB SAMPLES

Tank: 241-AP-107

Date Printed: MARCH 6, 1995

MASTER

TABLE OF CONTENTS

This Document consists of pages 1 through 30.

DISCLAIMER

NARRATIVE

45-DAY SAFETY SCREENING REPORT FOR GRAB SAMPLES FROM TANK AP-107

Summary

Three samples; 107-AP-1C, 107-AP-2C and 107-AP-3C; were received at 222-S Laboratory for analysis of DSC, TGA and visual appearance. Four additional samples; 107-AP-1D, 107-AP-2D, 107-AP-3D and 107-AP-6; were received for visual appearance only. No results exceeded the safety screen notification criteria.

Sample Receipt and Identification

Original Sample Number	Laboratory Sample Number	Sample Collection Date	Date Sample was Received
107-AP-1C	S95V000011	1/31/95	2/1/95
107-AP-2C	S95V000012	1/31/95	2/1/95
107-AP-3C	S95V000013	2/1/95	2/2/95
107-AP-1D	S95V000017	1/31/95	2/1/95
107-AP-2D	S95V000018	1/31/95	2/2/95
107-AP-3D	S95V000019	2/1/95	2/2/95
107-AP-6	S95V000022	2/2/95	2/3/95

Analytical Results

Visual Appearance

Appearance of samples was performed using procedure LA-519-151, revision E-2. No organic layer was observed in any of the samples, therefore the notification limit of "no observable organic layer" was not exceeded. The TCP did not specify any quality control criteria.

Laboratory Sample Number	Visual Appearance Results	Sample Volume ml.	Dose Rate mR/hr
S95V000011	Clear yellow liquid, no solids, no phases	25	175
S95V000012	Clear yellow liquid, no solids, no phases	60	500
S95V000013	Clear yellow liquid, no solids, no phases	60	300
S95V000017	Clear aqueous liquid, no solids, no phases	100	250
S95V000018	Clear aqueous liquid, no solids, no phases	100	350
S95V000019	Clear aqueous liquid, no solids, no phases	100	300
S95V000022	Clear aqueous liquid, no solids, no phases	100	300

DSC

Differential thermal analyses were performed under a nitrogen atmosphere using procedure LA-514-113, revision B-1. Analyses were performed in duplicate on samples S95V000011, S95V000012 and S95V000013. No exotherms were observed in any of the samples or duplicates, therefore the notification limit was not exceeded.

Percent recovery of the standards ranged from 96.3 to 100.9, meeting the TCP specified accuracy control limit of 90 to 110 percent recovery. Exothermic precision between all samples and their duplicates was 0 RPD, meeting the TCP specified precision control limit of ±10 RPD.

TGA (% Moisture)

The weight percent water by Thermogravimetric Analysis (TGA) was performed under a nitrogen purge, using procedure LA-560-112, revision A-2. Analyses were performed in on samples S95V000011, S95V000012 and S95V000013. The percent water for all samples and duplicates exceeded 92 percent, therefore the notification limit was not exceeded.

Standard recovery was 98.6 percent, meeting the TCP accuracy control limit of 90 to 110 percent recovery. Precision between the samples and their duplicates ranged between 0.4 RPD and 2.8 RPD, meeting the TCP specified precision control limit of ±10 RPD.

Reference

WHC-SD-WM-TP-286, Rev. 1, "Tank 241-AP-107 Tank Characterization Plan", dated January 20, 1995, Westinghouse Hanford Company, Richland, WA 99352.

SAMPLE DATA SUMMARY

45-Day Safety Screen Report
AP-107

RISER: 1
CUSTOMER SAMPLE NUMBER: 107-AP-1C

CUSTOMER SAMPLE NUMBER: 107-AP-1C

Sample#	R	A#	Analyte	Unit	Action Limits Lower	Action Limits Upper	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S95V000011			% Water by TGA using Mettler	%	17.000	n/a	98.55	n/a	94.31	94.67	94.49	0.38	n/a	0.000	n/a
S95V000011			DSC Exotherm using Mettler	Joules/g	n/a	481.000	96.31	n/a	0	0	0.000	n/a	n/a	0.000	n/a
S95V000011			Appearance of Sample		n/a	n/a	n/a	n/a	25ml	25ml	n/a	n/a	n/a	0.000	n/a

=> Limit violated
=> Selected Limit

5

45-Day Safety Screen Report
AP-107

RISER: 1
CUSTOMER SAMPLE NUMBER: 107-AP-2C

CUSTOMER SAMPLE NUMBER: 107-AP-2C

Sample#	R	A#	Analyte	Unit	Action Limits Lower	Action Limits Upper	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S95V000012			% Water by TGA using Mettler	%	17.000	n/a	98.55	n/a	95.12	92.52	93.82	2.77	n/a	0.000	n/a
S95V000012			DSC Exotherm using Mettler	Joules/g	n/a	481.000	96.31	n/a	0	0	0.000	n/a	n/a	0.000	n/a
S95V000012			Appearance of Sample		n/a	n/a	n/a	n/a	60ml	60ml	n/a	n/a	n/a	0.000	n/a

=> Limit violated
=> Selected Limit

45-Day Safety Screen Report
AP-107

RISER: 1
CUSTOMER SAMPLE NUMBER: 107-AP-3C

CUSTOMER SAMPLE NUMBER: 107-AP-3C

Sample#	R	A#	Analyte	Unit	Action Limits Lower	Action Limits Upper	Standard %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Count Err%
S95V000013			% Water by TGA using Mettler	%	17.000	n/a	98.55	n/a	95.05	95.82	95.44	0.81	n/a	0.000	n/a
S95V000013			DSC Exotherm using Mettler	Joules/g	n/a	481.000	100.9	n/a	0	0	0.000	n/a	n/a	0.000	n/a
S95V000013			Appearance of Sample		n/a	n/a	n/a	n/a	60ml	60ml	n/a	n/a	n/a	0.000	n/a

=> Limit violated
=> Selected Limit

UNDIGESTED SAMPLE ANALYSES- DIRECT

LABCORE Data Entry Template for Worklist# 533

HPT: Jim Evens

Analyst: lmh **Instrument:** NONE _____ **Method:** Chemist Instruction Bert Griffin II

Worklist Comment: AP-107 - MAKE DUP FIRST, CHECK APPEARANCE ON SAMPLE AND DUP

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
1	SAMPLE	S95V000011	0		MAKE-DUP	LIQUID	N/A	complete		mL
2	SAMPLE	S95V000012	0		MAKE-DUP	LIQUID	N/A	complete		mL
3	SAMPLE	S95V000013	0		MAKE-DUP	LIQUID	N/A	complete		mL
4	SAMPLE	S95V000011	0		APPEAR01	LIQUID	N/A	25ml		
5	DUP	S95V000011	0		APPEAR01	LIQUID	25ml	25ml	N/A	
6	SAMPLE	S95V000012	0		APPEAR01	LIQUID	N/A	60ml		
7	DUP	S95V000012	0		APPEAR01	LIQUID	60ml	60ml	N/A	
8	SAMPLE	S95V000013	0		APPEAR01	LIQUID	N/A	60ml		
9	DUP	S95V000013	0		APPEAR01	LIQUID	60ml	60ml	N/A	

Final page for worklist # 533

Analyst Signature WHC-SD-WM-DP-098, REV. 0 Date 2-7-95

S95V000011 SAM & DUP → clear yellow liquid, no solids, no phases, 175 mrad/h AND 25ml volume.

S95V000012 SAM & DUP → clear yellow liquid, no solids, no phases, 500 mrad/hr AND 60 ml ± 10ml volume.

S95V000013 → clear yellow liquid, no solids, no phases. 500 mrad/hr AND 60ml ± 10ml volume.

Data Entry Comments:

Bertrand Griffin II 2-13-95

Units shown for QC (SPK) may not reflect the actual units.

LABCORE Data Entry Template for Worklist# 553

Analyst: lmh **Instrument:** NONE _____ **Method:** LA-519-151

Worklist Comment: AP-107 - APPEARANCE OF EVAPORATOR SAMPLES

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
1	SAMPLE	S95V000017	0		APPEAR01	LIQUID	N/A	complete		
2	SAMPLE	S95V000018	0		APPEAR01	LIQUID	N/A	complete		
3	SAMPLE	S95V000019	0		APPEAR01	LIQUID	N/A	complete		
4	SAMPLE	S95V000022	0		APPEAR01	LIQUID	N/A	complete		

Final page for worklist # 553

Analyst Signature

2-9-95
Date

S95V000017 - clear aqueous, no solids, no phases, 100 mL
250 mr/hr

WHC-SD-WM-DP-098, REV. 0

S95V000018 - clear aqueous, no solids, no phases, 100mL
350 mr/hr

S95V000019 - clear aqueous, no solids, no phases, 100mL
300 mr/hr

S95V000022 clear aqueous, no solids, no phases
100 mL total volume.
300 mr/hr

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

Page: 1

LABCORE Data Entry Template for Worklist# 508

Analyst: DWS **Instrument:** DSC01 **Method:** LA-514-113 B-1

Worklist Comment: Please run AP-107 DSC under N2. bdv

WHC-SD-WM-DP-098, REV. 0

Seg	Type	Sample#	Rep Al	Test	Matrix	Actual	Found	DL	Unit
1	STD	12W14-A		DSC-01	LIQUID	28.45	27.4	N/A	Joule/g
2	SAMPLE	S95V000011	0	DSC-01	LIQUID	N/A	Ø		Joule/g
3	DUP	S95V000011	0	DSC-01	LIQUID	Ø	Ø	N/A	Joule/g
4	SAMPLE	S95V000012	0	DSC-01	LIQUID	N/A	Ø		Joule/g
5	DUP	S95V000012	0	DSC-01	LIQUID	Ø	Ø	N/A	Joule/g

jm 3/6/95

Final page for worklist # 508

Analyst Signature

2-19-95
Date

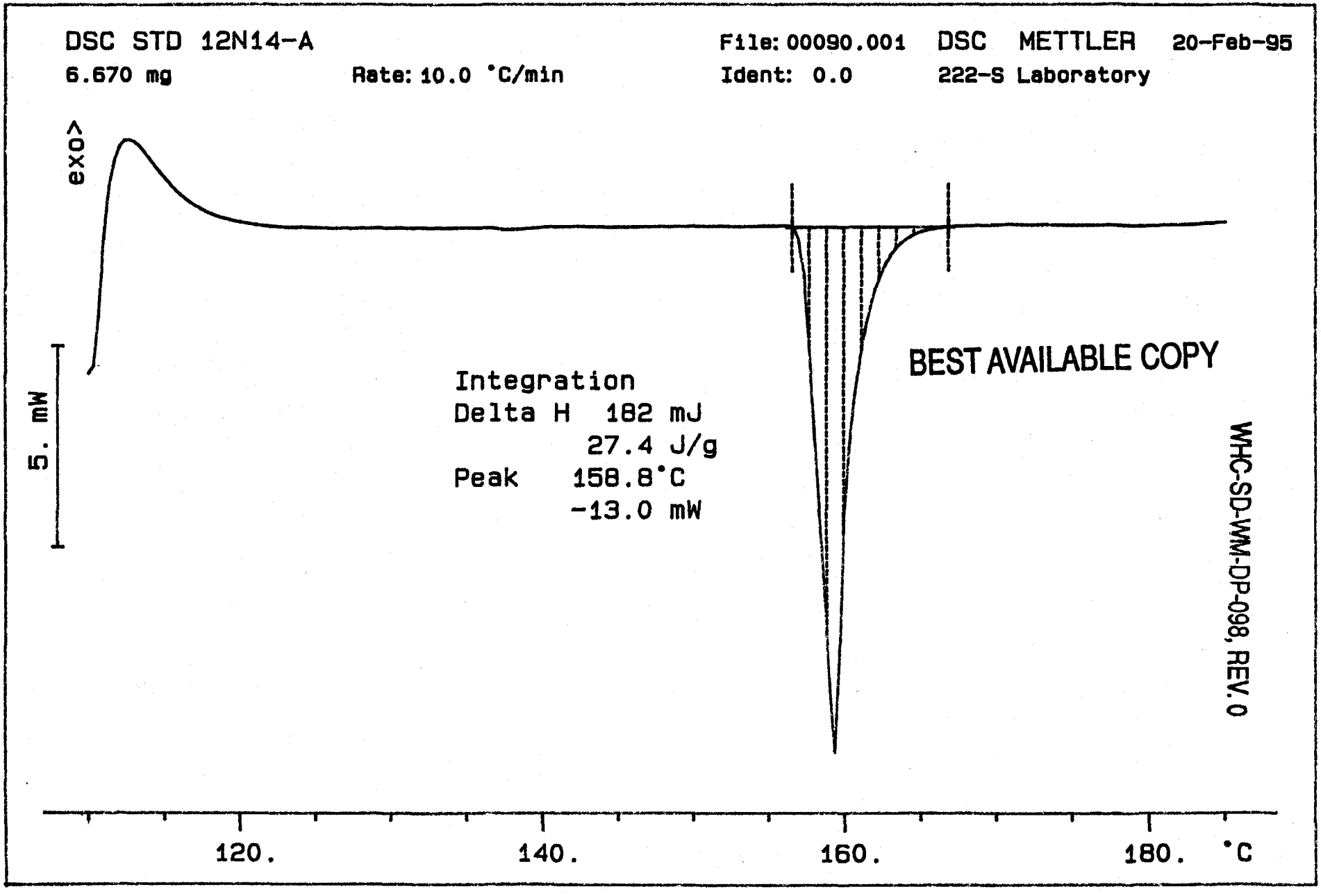
Verified by Blandina Valenzuela

2-22-95
2-24-95

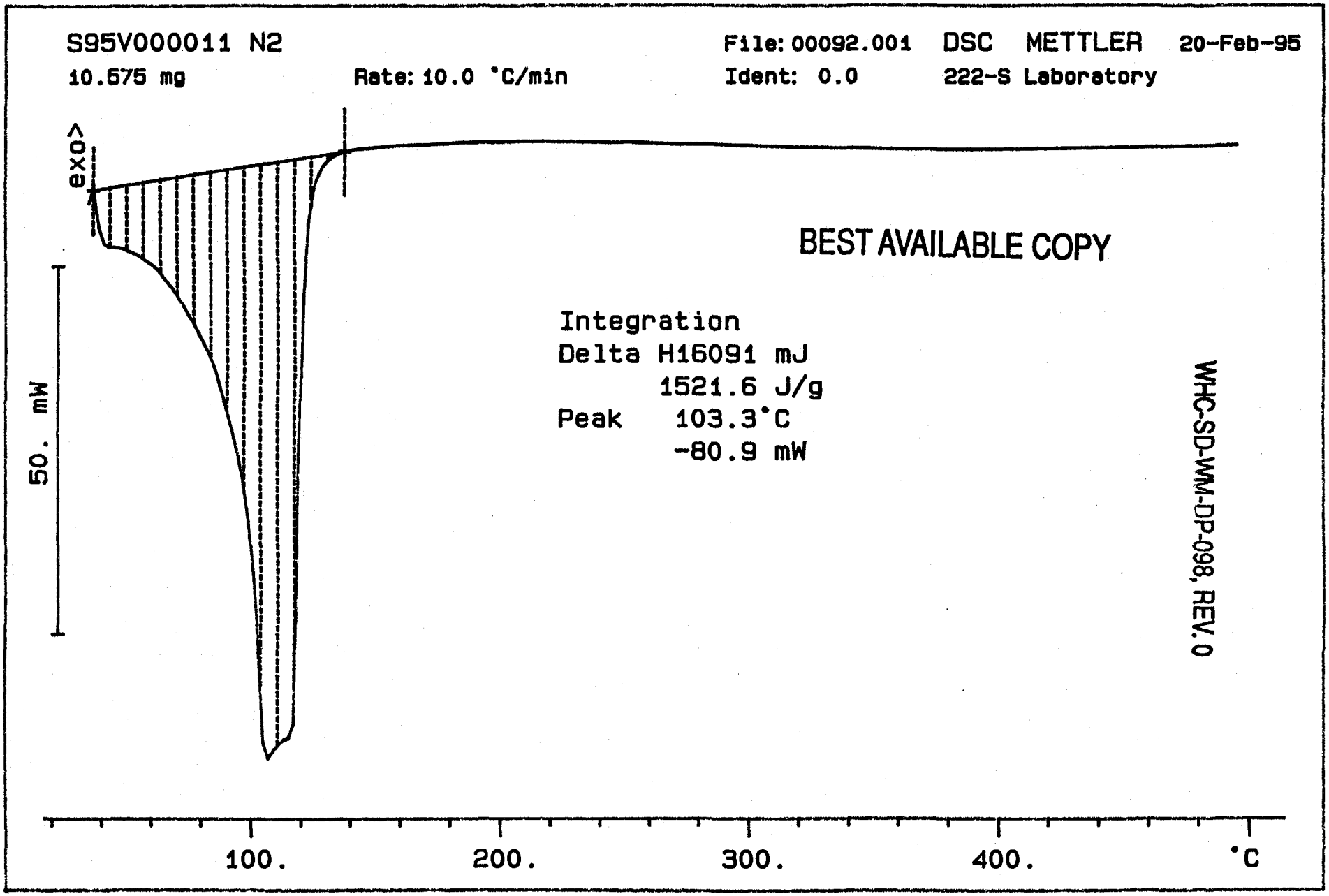
Data Entry Comments: S95V000011 produced an endotherm at 103.3°C with a delta H of 1521.6 J/g. S95V000012 produced an endotherm at 101.3°C with a delta H of 1527.1 J/g.

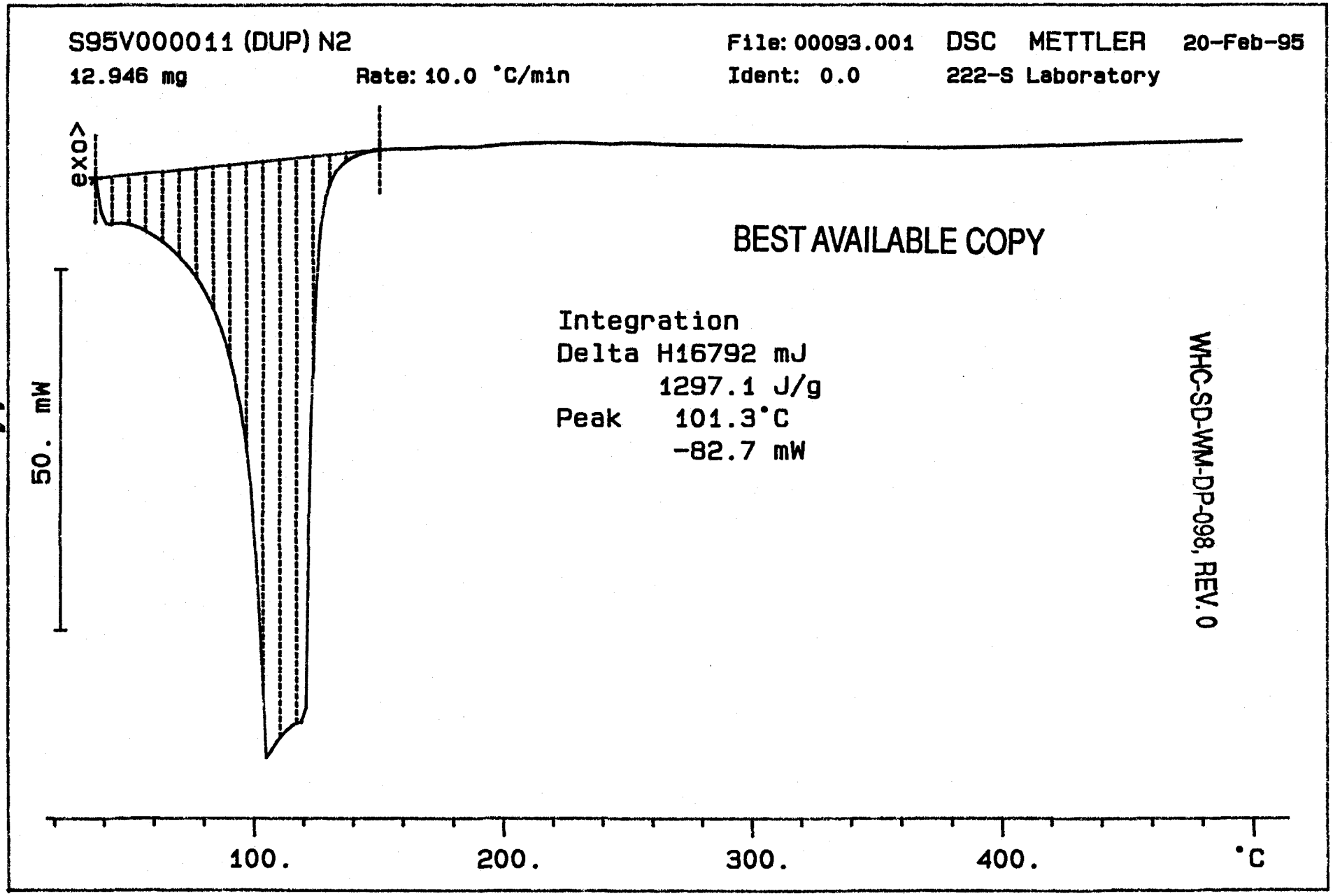
Units shown for QC (SPK) may not reflect the actual units.

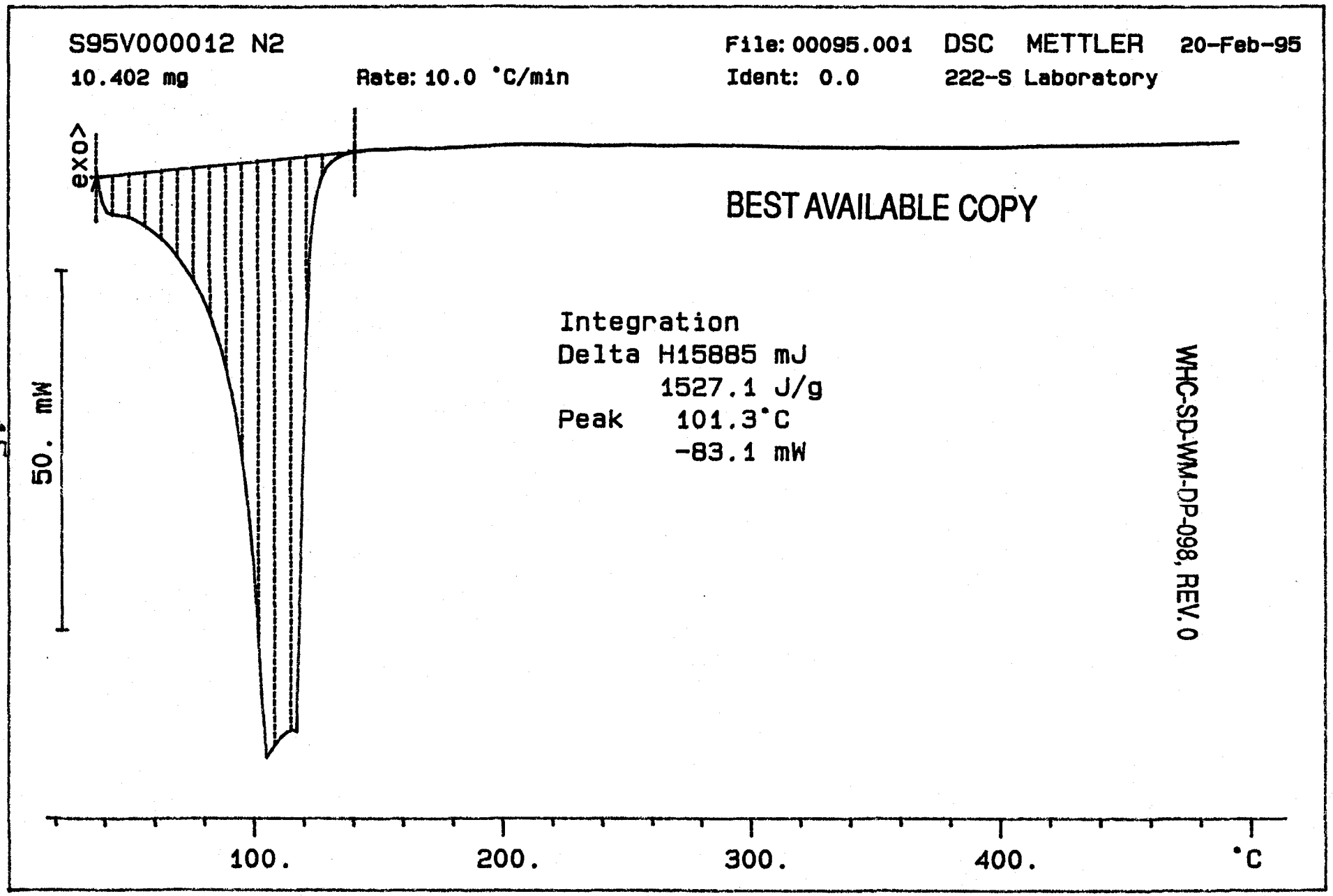
SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 12 TO 16.

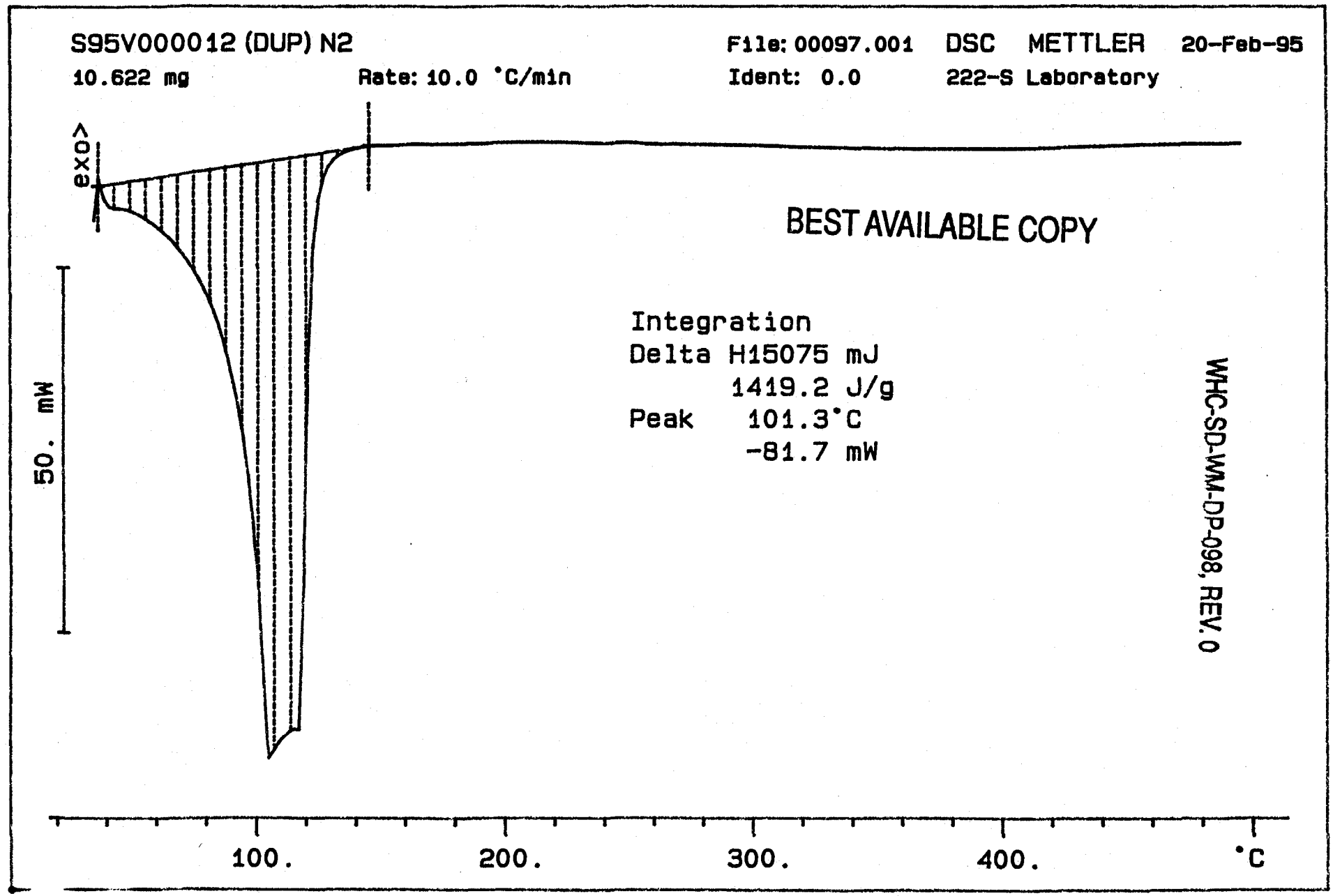


David W Smith 2-19-95


S95V000011 N2
10.575 mg
Rate: 10.0 °C/min
File: 00092.001
Ident: 0.0
DSC METTLER
222-S Laboratory
20-Feb-95
exo
50. mW
BEST AVAILABLE COPY
Integration
Delta H16091 mJ
1521.6 J/g
Peak 103.3°C
-80.9 mW
WHC-SD-WM-DP-098, REV.0
100.
200.
300.
400.
°C


S95V000011 (DUP) N2
12.946 mg
Rate: 10.0 °C/min
File: 00093.001
Ident: 0.0
DSC METTLER
222-S Laboratory
20-Feb-95
exo>
50. mW
BEST AVAILABLE COPY
Integration
Delta H16792 mJ
1297.1 J/g
Peak 101.3°C
-82.7 mW
WHC-SD-WM-DP-098, REV. 0
100.
200.
300.
400.
°C


S95V000012 N2
10.402 mg
Rate: 10.0 °C/min
File: 00095.001
Ident: 0.0
DSC METTLER
222-S Laboratory
20-Feb-95
exo>
BEST AVAILABLE COPY
Integration
Delta H15885 mJ
1527.1 J/g
Peak 101.3°C
-83.1 mW
50. mW
WHC-SD-WM-DP-098, REV.0
100.
200.
300.
400.
°C


S95V000012 (DUP) N2
10.622 mg
Rate: 10.0 °C/min
File: 00097.001
Ident: 0.0
DSC METTLER
222-S Laboratory
20-Feb-95
exo>
50. mW
BEST AVAILABLE COPY
Integration
Delta H15075 mJ
1419.2 J/g
Peak 101.3°C
-81.7 mW
WHC-SD-WM-DP-098, REV. 0
100.
200.
300.
400.
°C

LABCORE Data Entry Template for Worklist# 509

Analyst: DWS **Instrument:** DSC01 _____ **Method:** LA-514-113 B-1

Worklist Comment: Please run AP-107 DSC under N2. bdv WHC-SD-WM-DP-098, REV. 0

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
1	STD	12W14-A			DSC-01	LIQUID	28.45	28.7	N/A	Joule/g
2	SAMPLE	S95V000013	0		DSC-01	LIQUID	N/A	Ø		Joule/g
3	DUP	S95V000013	0		DSC-01	LIQUID	Ø	Ø	N/A	Joule/g

jpm 3/4/95

Final page for worklist # 509

David W Smith
Analyst Signature

2-21-95
Date

Verified by Blandina Valenzuela

2-22-95

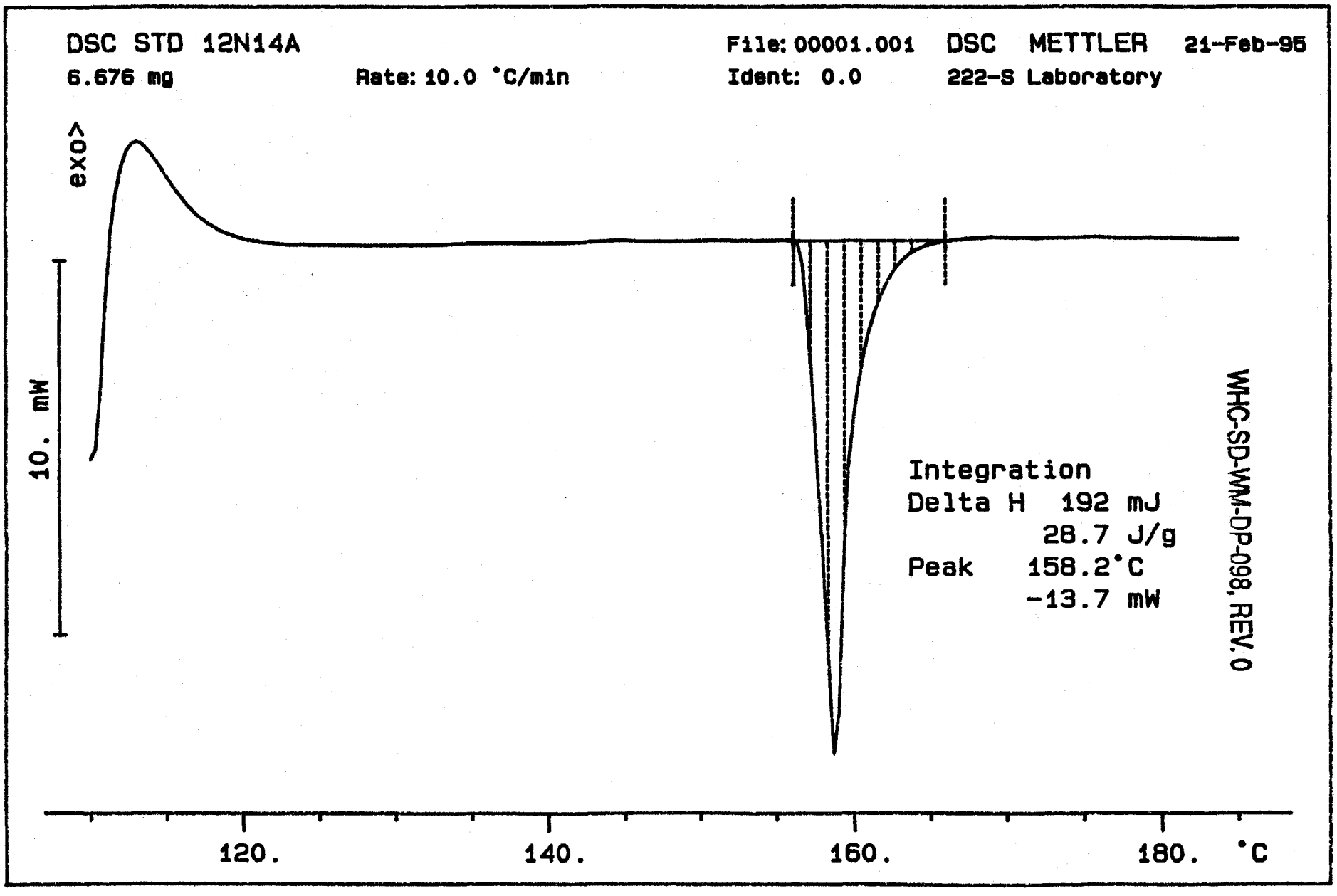
2-24-95

Data Entry Comments: 3695 LAD

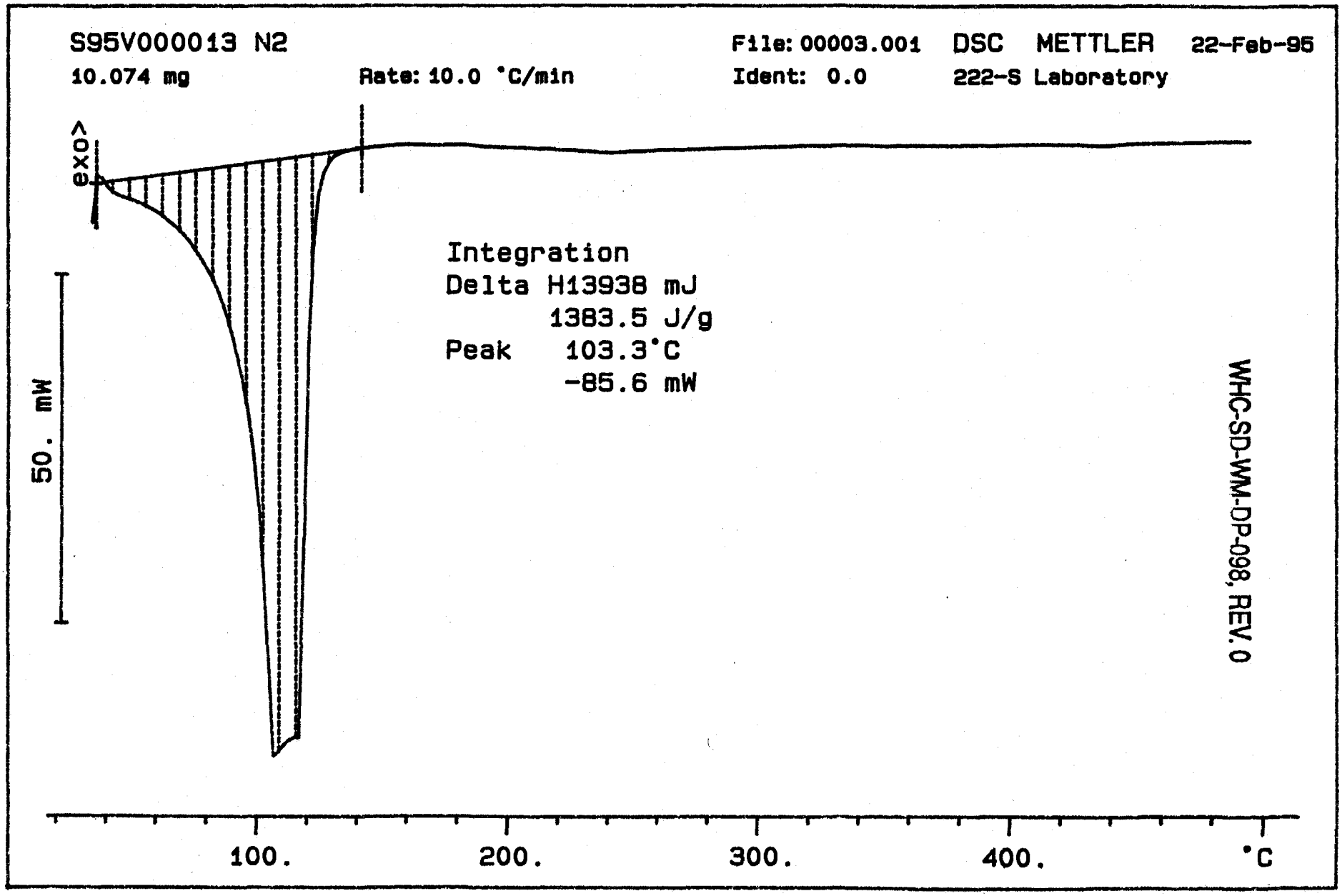
S95V000013 produced an endotherm at 103.3°C with a delta H of 1383.5 J/g

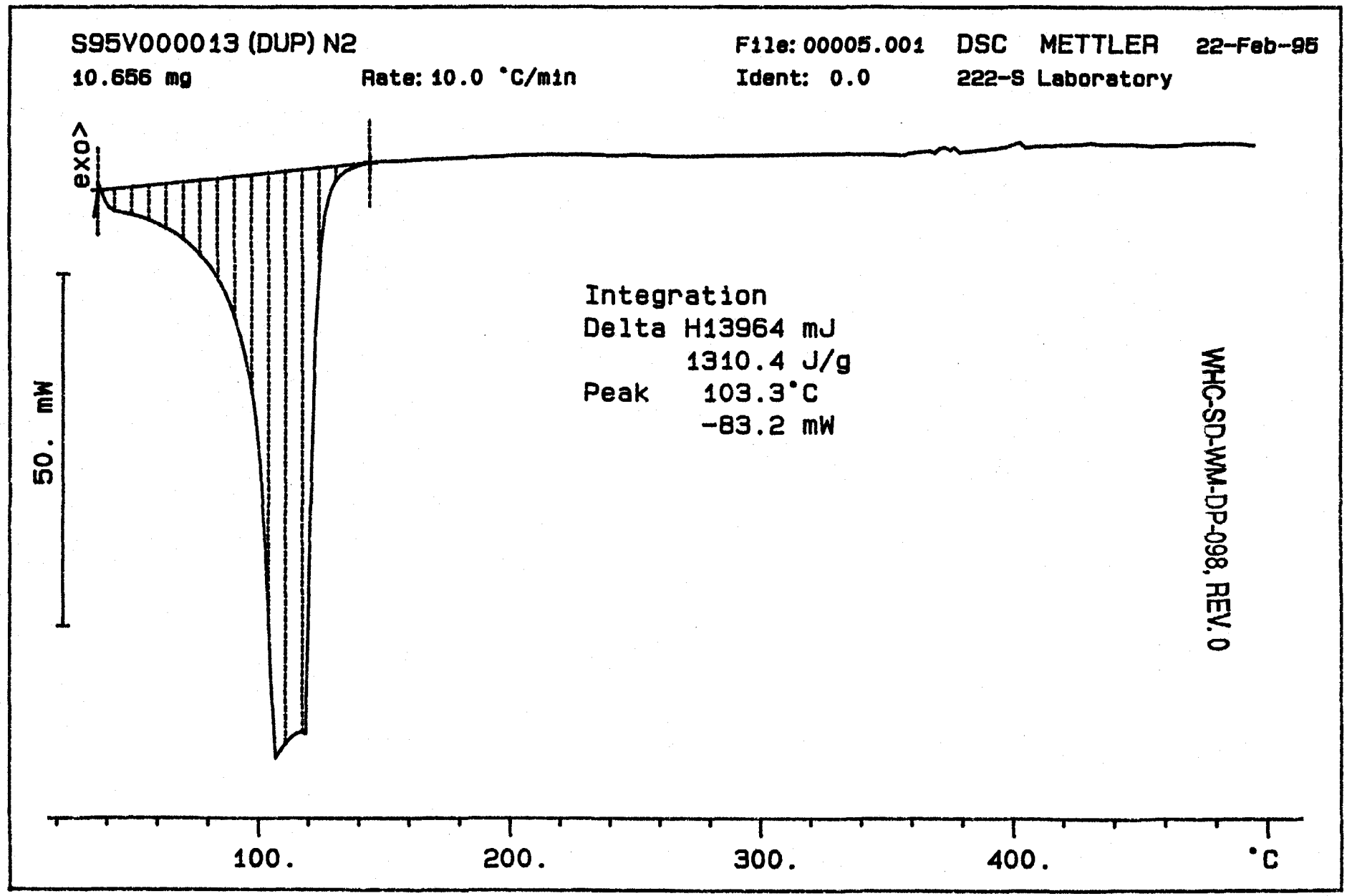
Units shown for QC (SPK) may not reflect the actual units.

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 18 TO 20.



David W Smith 2-21-95


S95V000013 N2
10.074 mg
Rate: 10.0 °C/min
File: 00003.001
Ident: 0.0
DSC METTLER
222-S Laboratory
22-Feb-95
exo>
Integration
Delta H13938 mJ
1383.5 J/g
Peak 103.3°C
-85.6 mW
50. mW
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV. 0


S95V000013 (DUP) N2
10.656 mg
Rate: 10.0 °C/min
File: 00005.001
Ident: 0.0
DSC METTLER
222-S Laboratory
22-Feb-95
exo>
50. mW
Integration
Delta H13964 mJ
1310.4 J/g
Peak 103.3°C
-83.2 mW
WHC-SD-WM-DP-098, REV.0
100.
200.
300.
400.
°C

LABCORE Data Entry Template for Worklist# 511

Analyst: DWS **Instrument:** TGA01 _____ **Method:** LA-560-112 ~~A-0~~ DWS 2-21-95 A-2

Worklist Comment: Please run AP-107 TGA under N2. bdv

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
1	STD	42N8-A			TGA-01	LIQUID	59.19	58.33	N/A	%
2	SAMPLE	S95V000011	0		TGA-01	LIQUID	N/A	94.31		%
3	DUP	S95V000011	0		TGA-01	LIQUID	94.31	94.67	N/A	%
4	SAMPLE	S95V000012	0		TGA-01	LIQUID	N/A	95.12		%
5	DUP	S95V000012	0		TGA-01	LIQUID	95.12	92.52	N/A	%

Final page for worklist # 511

Analyst Signature

2-21-95
Date

2-22-95

2-24-95

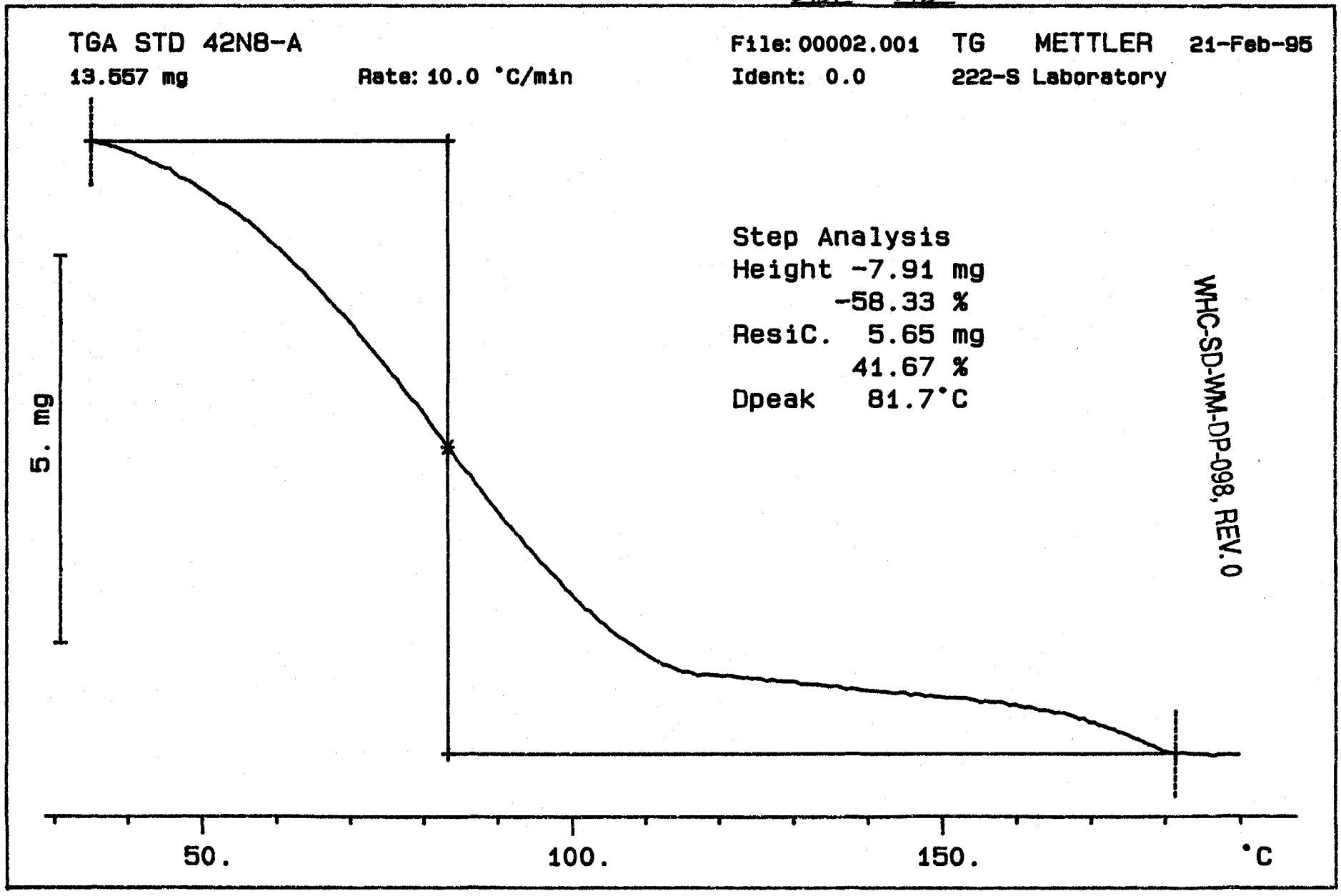
Verified by Blandina Valenzuela

Data Entry Comments:

Units shown for QC (SPK) may not reflect the actual units.

Page: 1

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 22 TO 26.



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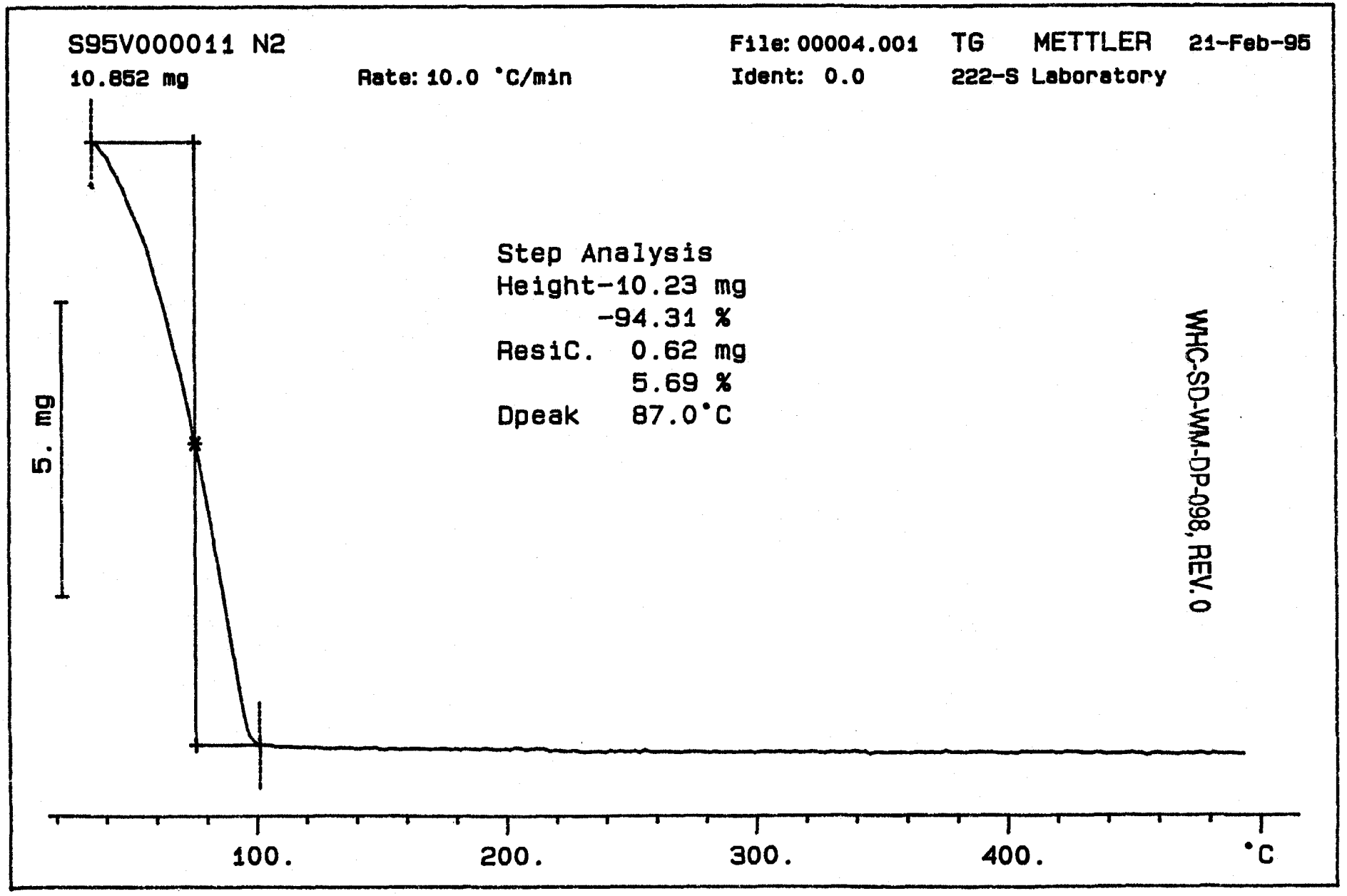
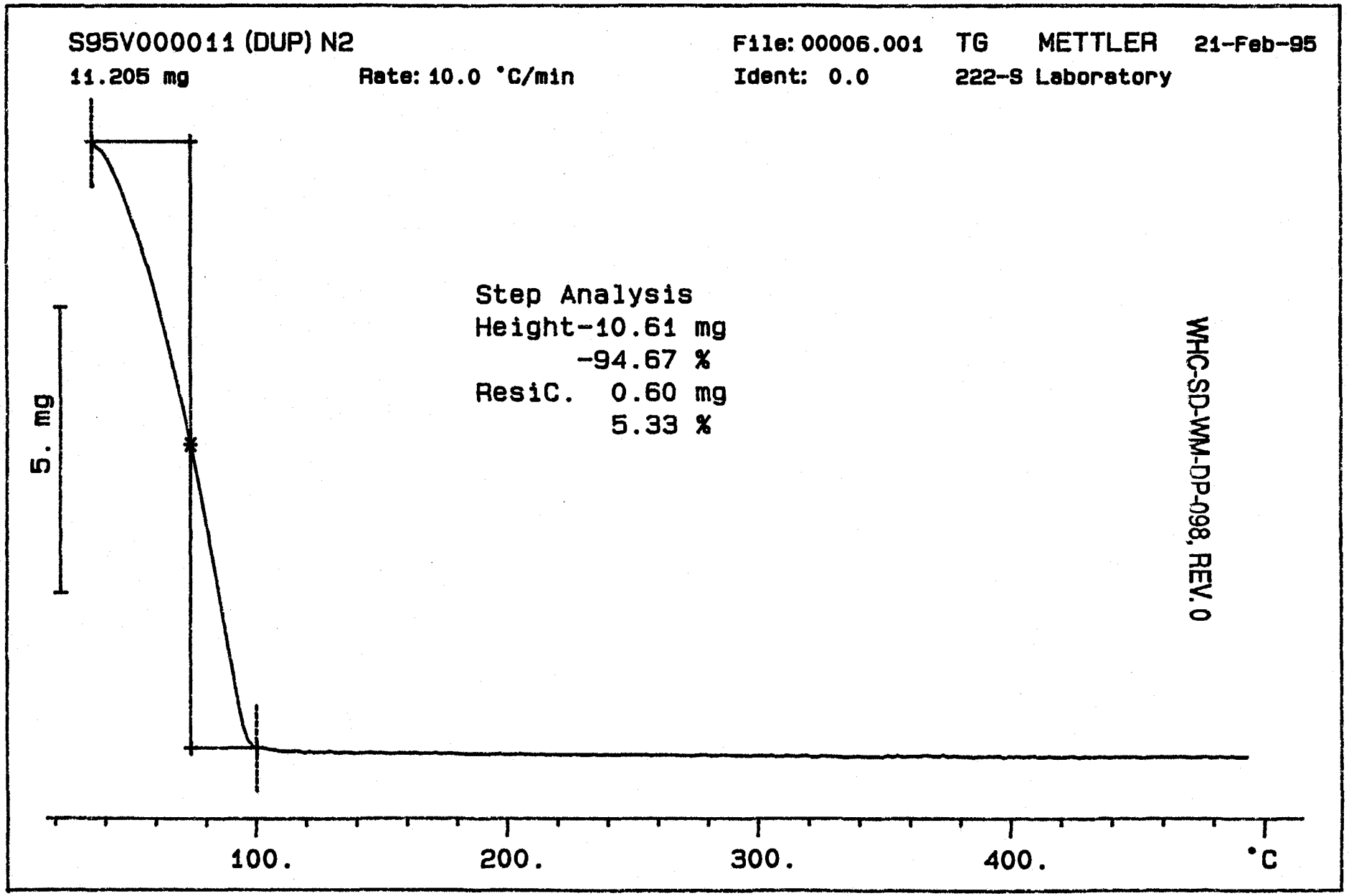
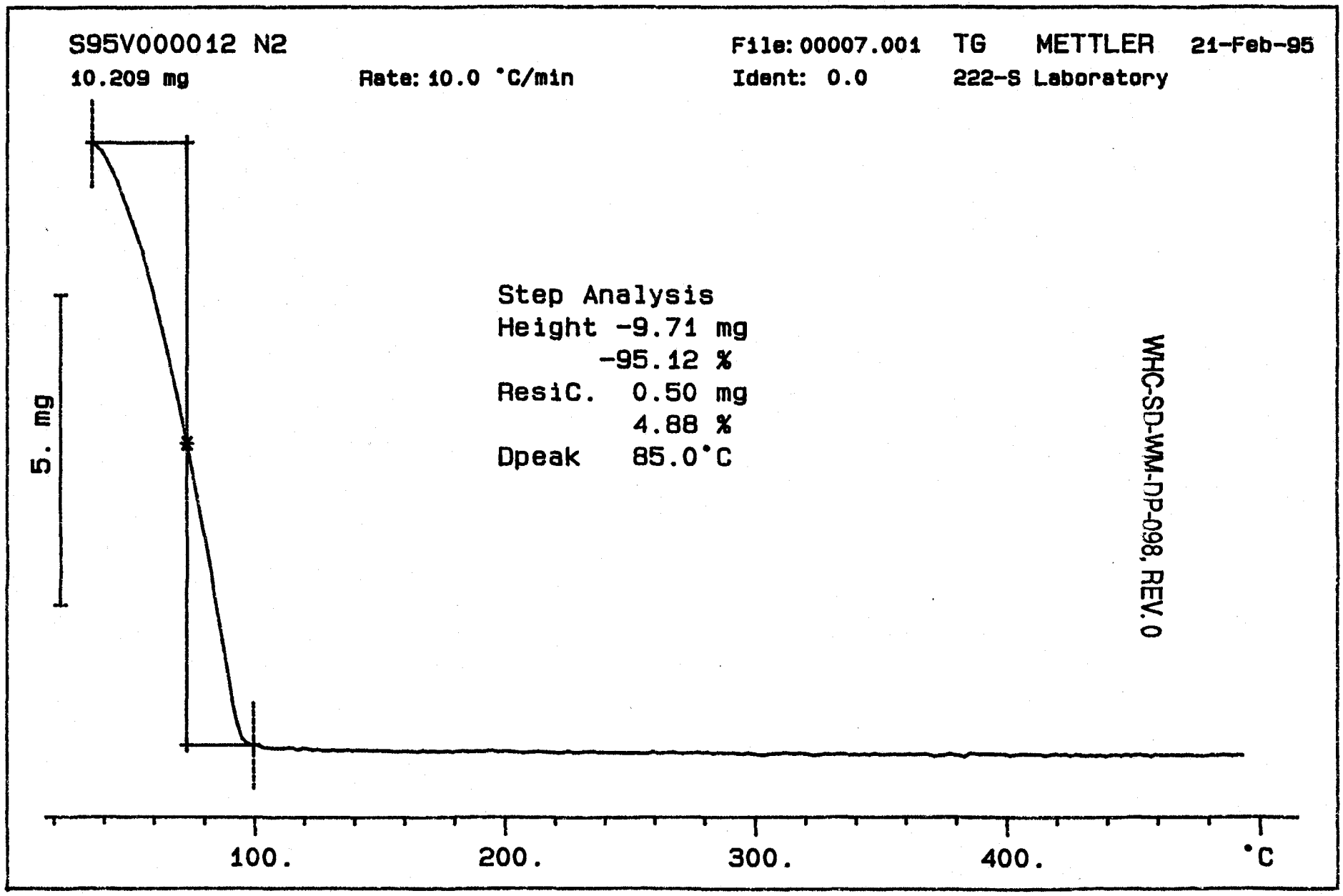
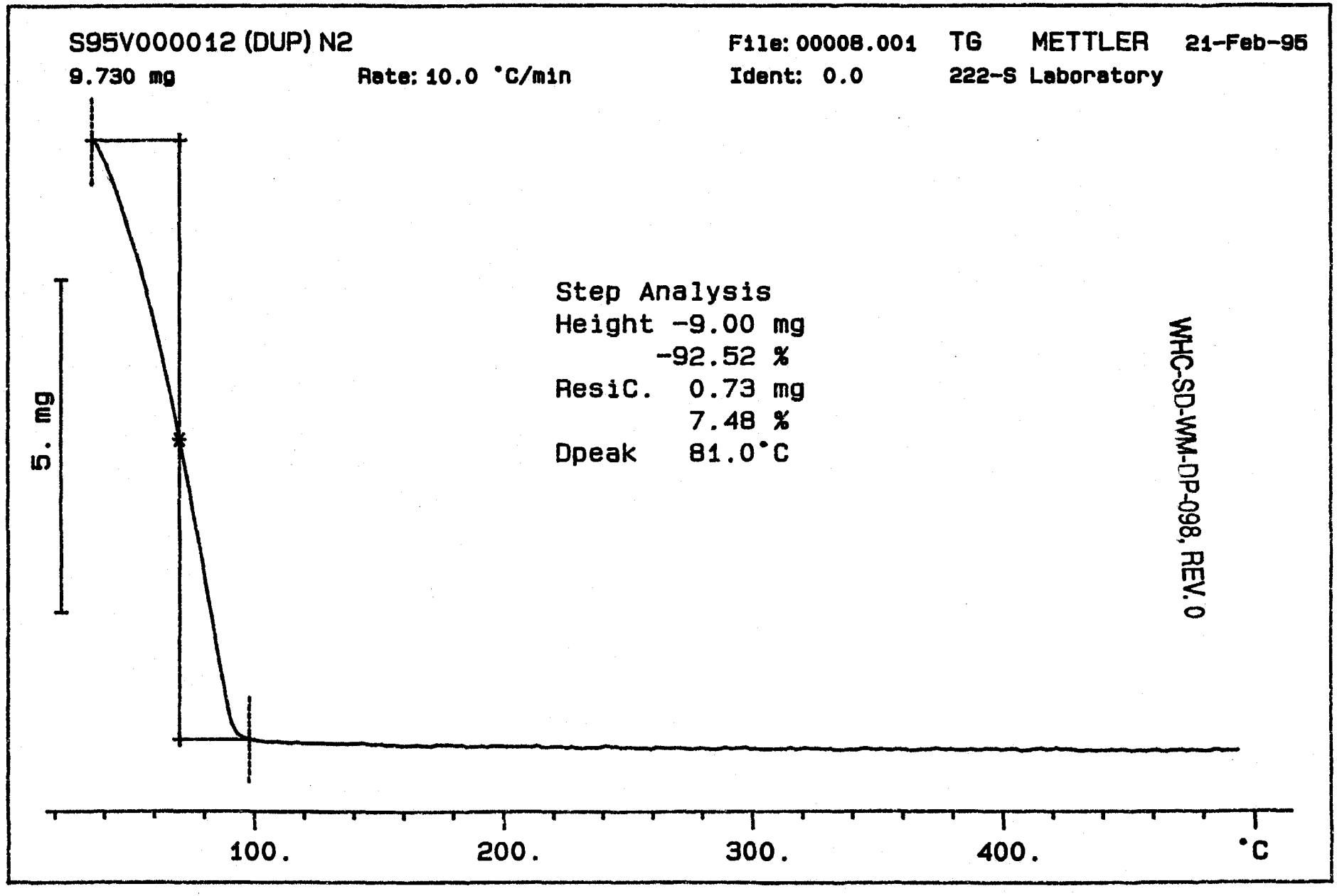
David W Smith 2-21-95


S95V000011 N2
10.852 mg
Rate: 10.0 °C/min
File: 00004.001
Ident: 0.0
TG METTLER 21-Feb-95
222-S Laboratory
Step Analysis
Height-10.23 mg
-94.31 %
ResiC. 0.62 mg
5.69 %
Dpeak 87.0°C
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV.0


S95V000011 (DUP) N2
11.205 mg
Rate: 10.0 °C/min
File: 00006.001 TG METTLER 21-Feb-95
Ident: 0.0 222-S Laboratory
Step Analysis
Height-10.61 mg
-94.67 %
ResiC. 0.60 mg
5.33 %
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV.0


S95V000012 N2
10.209 mg
Rate: 10.0 °C/min
File: 00007.001
Ident: 0.0
TG METTLER 21-Feb-95
222-S Laboratory
Step Analysis
Height -9.71 mg
-95.12 %
ResiC. 0.50 mg
4.88 %
Dpeak 85.0°C
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV.0


S95V000012 (DUP) N2
9.730 mg
Rate: 10.0 °C/min
File: 00008.001
Ident: 0.0
TG METTLER 21-Feb-95
222-S Laboratory
Step Analysis
Height -9.00 mg
-92.52 %
ResiC. 0.73 mg
7.48 %
Dpeak 81.0°C
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV.0

LABCORE Data Entry Template for Worklist# 512

Analyst: DWS **Instrument:** TGA01 **Method:** LA-560-112 A-2

Worklist Comment: Please run AP-107 TGA under N2. bdv WHC-SD-WM-DP-098, REV. 0

Seg	Type	Sample#	Rep	Al	Test	Matrix	Actual	Found	DL	Unit
1	STD	4208-A			TGA-01	LIQUID	59.19	58.33	N/A	%
2	SAMPLE	S95V000013	0		TGA-01	LIQUID	N/A	95.05		%
3	DUP	S95V000013	0		TGA-01	LIQUID	95.05	95.82	N/A	%

Final page for worklist # 512

Analyst Signature

2-21-95
Date

R Jones

Verified by Blandina Valenzuela

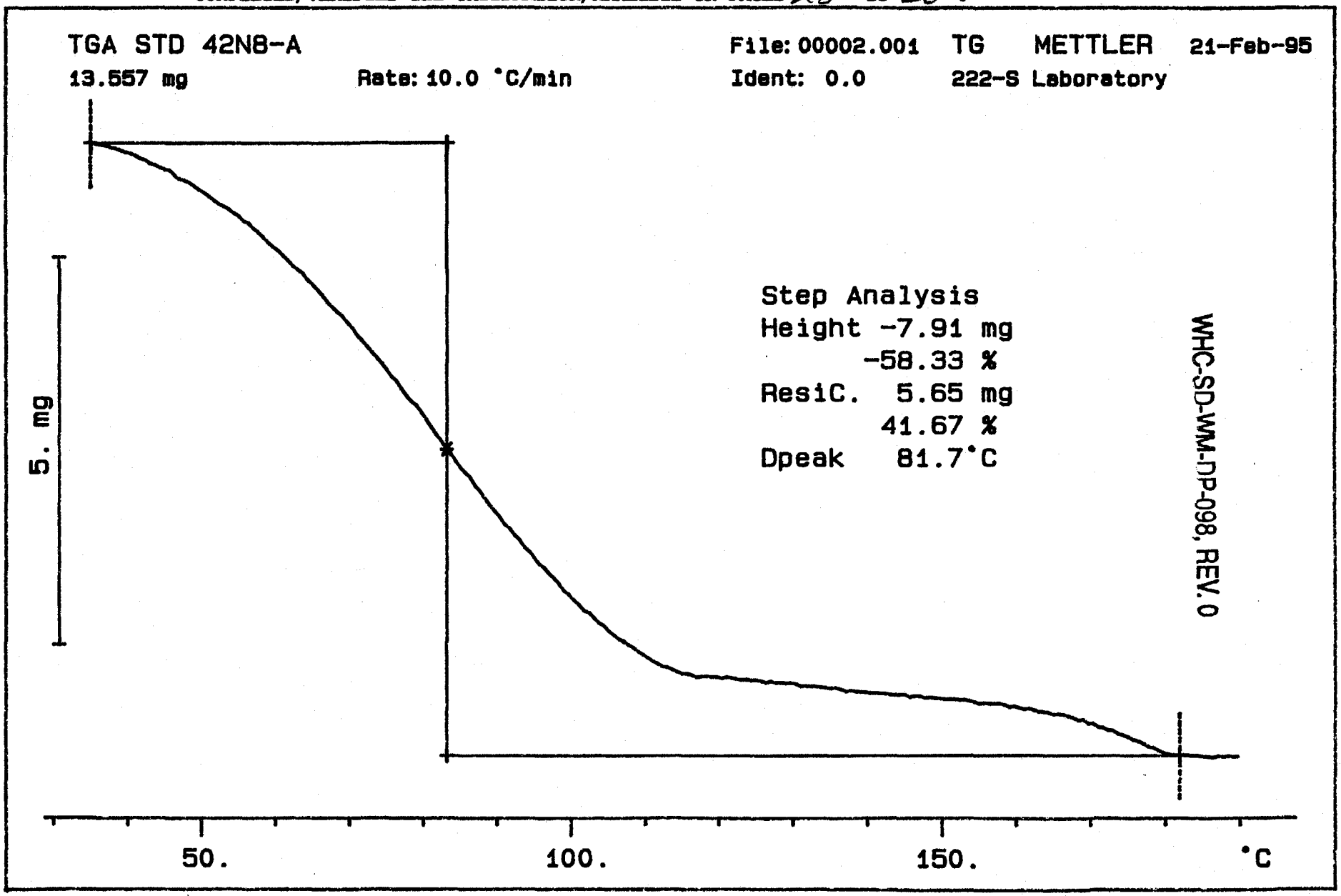
2-22-95

~~2-23~~ BDV 2-24-95
2-24-95

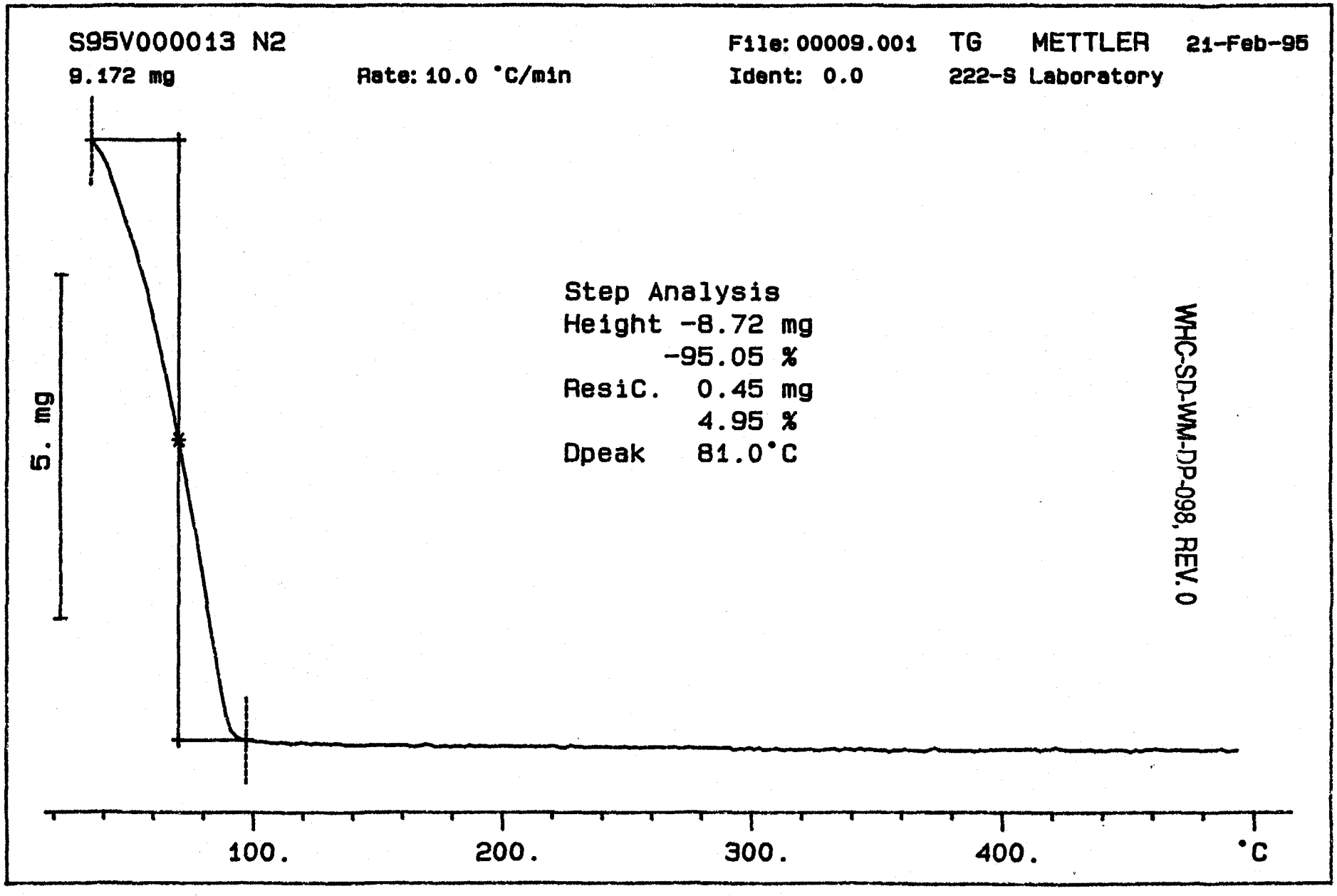
Data Entry Comments:

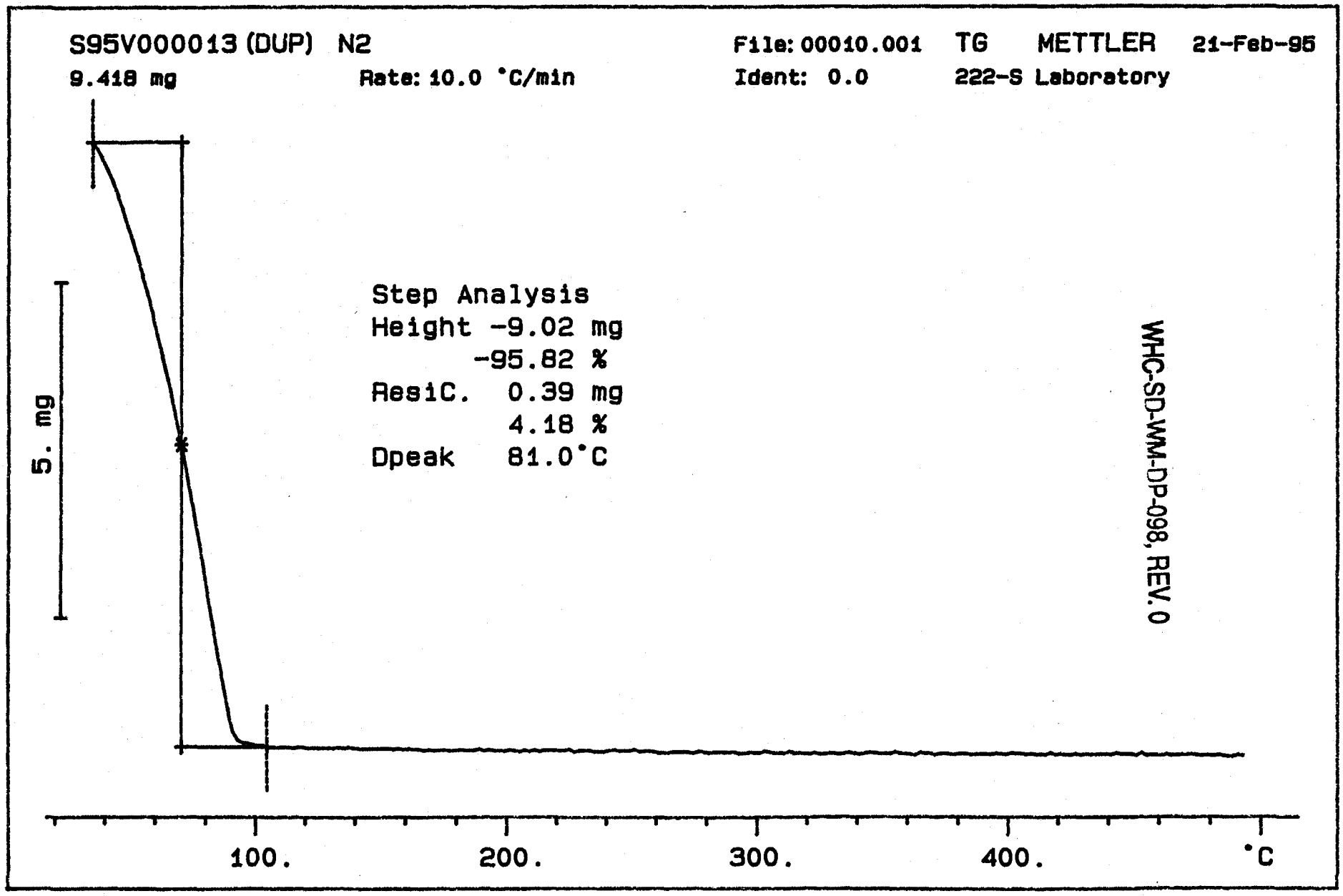
Units shown for QC (SPK) may not reflect the actual units.

SIGNATURE BELOW REPRESENTS CHEMICAL TECHNOLOGIST/CHEMIST THAT COMPLETED/VERIFIED THE CALIBRATION/ANALYSIS ON PAGES 28 TO 30 .



Paul W. Smith 2-21-95


S95V000013 N2
9.172 mg
Rate: 10.0 °C/min
File: 00009.001
Ident: 0.0
TG METTLER 21-Feb-95
222-S Laboratory
Step Analysis
Height -8.72 mg
-95.05 %
ResiC. 0.45 mg
4.95 %
Dpeak 81.0°C
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV. 0


S95V000013 (DUP) N2
9.418 mg
Rate: 10.0 °C/min
File: 00010.001 TG METTLER 21-Feb-95
Ident: 0.0 222-S Laboratory
Step Analysis
Height -9.02 mg
-95.82 %
ResiC. 0.39 mg
4.18 %
Dpeak 81.0°C
5. mg
100.
200.
300.
400.
°C
WHC-SD-WM-DP-098, REV. 0