

SUPPLEMENTAL INFORMATION

Formation of Ketimines from Aldimines in Schiff Base Condensation of Amino Acids and Imidazole-2-Carboxaldehydes. Tautomerization of Schiff bases of Amino Acids resulting in loss of Stereogenic Center.

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CSD codes from Introduction for the aldimine tautomer of Schiff base complexes of any amino acid (other than glycine) with

Any salicylaldehyde

Any pyridine-4-carboxaldehyde

Any pyridine-2-carboxaldehyde

Table S1: Crystallographic Data for new Nickel Ketimine Complexes

CSD deposition number

ORTEP drawing of each complex

IR spectra for ten ketimine complexes

UV-vis spectra for ketimine complexes containing imidazole (single pyrazole complex was not sufficiently soluble for recording a spectrum)

ESI MS of ten ketimine complexes

CSD codes for aldimine Schiff bases of any salicylaldehyde derivative and AA (not glycine)

NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME
JIFLAP	BEPSOF	DALSEP	EMUMEE	GAJGIL	HIPQAY	INUQUE	KEYWAP	MASRII
JILXAH	BEQPIW	DALSIT	EMUMEE0	GAJGOR	HIPTEF	INURAL	KEZDEZ	MAYJOO
NELROP01	BIBCAU	DALSOZ	EMUSEL	GAKNIQ	HIQFAO	INUREP	KIFCIL	MEGDUB
VEXZIL	BIBCEY	DEPMOB	EMUSOV	GAKNIQ01	HIQFAO01	IPUVAQ	KIFCIL01	MELZAH
XINBOP	BIBCIC	DESFEN	EMUSUB	GANHOV	HIYGED	IQUGIN	KORDIG	MELZEL
ACIJAZ	BIDJUV	DEWHUI	EMUTAI	GANHUB	HOPVOY	IROPUA	KUDPIL	MEMFIW
ACIJED	BIDKAC	DEYBAL	EQILIA	GANJAJ	HOPVUE	ISUFUY	KUVJAN	MIFREB
ADIMOS	BIDKEG	DIFWIA	ERIZEL	GANJEN	HUMDAU	ISUGAF	LACBAU	MIYNIS
AFIYIZ	BINJIU	DIFWOG	EROCUK	GATDEL	HUNQUD	ISUGEJ	LADCEC	MODFER
AGUBAG	BINJOA	DIFWOG01	ESOMIK	GAVKEU	HURYAV	IVIDEY	LADCEC01	MUVTIG
AHMCCU	BINJOA01	DIXMON	ESOMOQ	GELFOT	HURYEZ	IVIDEY01	LAKFAE	NABCOK
ALIFUX	BIWWUA	DIXMUT	ESOMUW	GELFUZ	HUXYEH	IVIDIC	LAMJIU	NECKIT
ALIQAO	BIZGIB	DIXNAA	EVIVUB	GELGAG	HUZDAJ	IVIDIC01	LAPYEJ	NEDREU
ALIQIW	BOSQIK	DOCWUO	EWIYIV	GELGEK	HUZDEN	IVUNOC	LAQFER	NELROP
ALIQOC	BOSQOQ	DOYBOJ	EWIYOB	GELGIO	HUZFUG	IXETOU	LAQHER	NENCOZ
ALUQUW	BOSQOQ01	DUBXEF	EWIYUH	GIVNOP	IDEYAS	IXETUA	LAXRUY	NERDIX
AMEHOP	BOTQUX	DUJXIQ	EWIZAO	GOGBUA	IDEYEW	IYUVUV	LAXRUY01	NERDOD
APADON	CAHWAM	DUZTOI	EXAFUF	GOGGEP	IDEYIA	IYUWAC	LAZDIA	NEWZOE
APAFOP	CAPSAO	DUZTUO	EXAFUF01	GOGHAM	IDEYOG	IYUWEG	LAZDOG	NEXSIV
APEGAG	CAZTIJ	DUZVAW	EYOSIV	GOZXOI	IDEYUM	JECWOE	LAZDUM	NEXSOB
APODOZ	CAZTOP	DUZVEA	EZATEF	GOZXUO	IDEZAT	JEMLIZ	LAZFAU	NEXSUH
ARIMYI	CEXJIB	ECUWUV	EZUHAL	GUNBEZ	IGUNUW	JIWPIR	LAZXEP	NEXTAO
ATAYIF	CICGON	ECUXAC	FAKSUJ	GUQNEN	IGUPAE	JIWPOX	LECCEC	NEXTES
ATAYOL	CICGUT	ECUXEG	FAKTAQ	GURCUS	IGUPEI	JIWPUD	LEHLAL	NEXTIW
ATAYUR	CICHIJ	EDAVOY	FARZEH	GUXDIM	IGUPIM	JIWQAK	LEQXOW	NEXTOC
ATAZAY	CIJNIS	EFOVIH	FASDAI	HALFAB	IJIZUX	JIWQEO	LEQXUC	NEXTUI
ATISII	CUGJEU	EFOVON	FAZPAZ	HENHUD	IJODIW	JOQYIA	LEVQUB	NEXVAQ
ATISII01	CUTNAI	EFUHEV	FEFJAD	HENXUT	IJODOC	JUNHAB	LEVRAI	NEYDED
AWITOQ	CUTNAI01	EFUHZI	FEVJAT	HEYQIO	IJODUI	JUNHAB01	LEVREM	NEYDIH
AXEKAR	CUTNEM	EFUHOF	FIQFOA	HEYQOU	IJOVAF	JUNHAB02	LEXSAL	NEZFAZ
AXEKEV	CUTNEM0	EHEXIZ	FIQMEZ	HEYQUA	IJOVAF01	KAFJAG	LEYSEQ	NIBGUC
AXEKIZ	CUTNIQ	EHIZEA	FIRVUX	HEYRAH	IKOROS	KAFJAG01	LEYSIU	NIDRIB
AXEKOF	CUTNIQ01	EHIZOK	FOKTEG	HEYREL	ILAKUB	KALYII	LEYSOA	NIDROH
AXEKUL	CUTNOW	EHIZUQ	FUGRIJ	HEYRIP	ILALAI	KALYOO	LEYSUG	NODHEV
AYUVOG	CUTNOW0	EHOBAE	GABREK	HEYROV	ILALEM	KAXVEL	LEYTAN	NOHXUG
BAFKIE	CUTPIR	EHOBEL	GABRIO	HEYRUB	ILALIQ	KAXVIP	LICLUF	NOHYAN
BAVWIH	CUTPIR01	EHOBIM	GABROU	HEYSAL	ILOFEV	KEKMOE	LUDSEJ	NOKCOH
BAVWON	CUTPIR02	EHOBOS	GABRUA	HEYSEM	ILOFIZ	KERDOA	LUDSIN	NOKCUN
BAVWUT	CUZJUF	EHOBUY	GADNAB	HEYSIQ	ILOFOF	KERDUG	LUMCED	NOKDAU
BAXCAH	CUZKAM	ELUNII	GAJBIG	HICSUK	ILOFUL	KESJOJ	LUMCIH	NOQMAI
BAZQEZ	DABYAJ	ELUNOO	GAJFOQ	HICTAR	ILOGAS	KEYVES	MACTAM	NOTGIM
BEKXAT	DALRUE	ELUNUU	GAJFUW	HICTEV	IMOQOR	KEYVIW	MASQUT	NUMXIC
BELJOR	DALSAL	EMOZOW	GAJGAD	HICVOH	IMOQUX	KEYVOC	MASRAA	NUNNIU
BELQER	DALSAL01	EMOZUC	GAJGEH	HIMLOF	IMORAE	KEYVUI	MASREE	OIJIT

CSD codes for aldimine Schiff bases of any salicylaldehyde derivative and AA (not glycine)

NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME
OFIKAQ	QAJTAX01	RAZJOR	SETNOW	TOBFEW	VOTJIZ	XEXLAR	ZEYCIR	
OFIKEU	QAVNIO	RAZJUX	SETNUC	TOKRAO	VUTZUG	XEXLOF	ZEZQUS	
OGOBUK	QAVNOU	RETZUL	SIKJUT	TOZNEB	VUVBAQ	XEXLUL	ZEZRAZ	
OGOCAR	QAVNUA	RICPAU	SILVIT	TUSWEM	VUYZEV	XEXMUM	ZIGTAN	
OGOCEV	QEKNAZ	RINSOZ	SIRHAE	TUWZES	VUYZEV01	XEXNAT	ZIGTER	
OGOCIZ	QEKQUW	RIPYIZ	SIRPIT	TUWZIW	WABYAB	XIFGOI	ZIGTIV	
OJEJIZ	QEKRAD	RIPYOF	SIRPIT01	UCOYER	WACDAG	XIJREQ	ZIGTOB	
OKAWAB	QERVAO	RIPYUL	SIYROH	UFOMUY	WACDIO	XIJRIU	ZIGTUH	
OKISAC	QERVES	RISLOV	SLCDCU	UNOSIA	WACDUA	XIJSIV	ZIGVAP	
OKISEG	QERVIW	RIVVUO	SMSTCO	UPABOF	WACFAI	XIJSOB	ZIGVET	
OLIMEC	QETCEB	RIVWAV	SOKJIM	UPABUL	WACFIQ	XIYPIF	ZIGVIX	
OLOWIX	QETCIF	RIVWEZ	SOKJOS	UQUYUB	WACFIQ01	XOLFOW	ZIGVUI	
LOWOD	QETKIM	RIVYEA	SOKJUY	USATEP	WAGVUZ	XOLGOX	ZIGWAQ	
LOWUJ	QIHSAD	RIXXAY	SOKKAF	USATIT	WEHFUM	XOTFIW	ZIGWEU	
OLOXAQ	QILCOF	RIXXAY01	SORNPD	UXIPIB	WEPVOF	XOTFOC	ZIGWIY	
OLOXEU	QIXYAZ	ROBNEC	SOZSUY	UYOMEC	WEPVUL	XOTFUI	ZIGWOE	
OLOXIY	QIXYED	ROBNIG	SOZTAF	UZAPES	WIBDES	XUDLOX	ZIHGOP	
OMAGEQ	QIXYUT	ROBNOM	SOZWAJ	UZAPIW	WIMWUL	XUMHUI	ZIHGUV	
OMAYIM	QIXZAA	ROKKEH	SUVPOR	VADROI	WIPQOB	XURPUY	ZIHHAC	
OYOFAL	QIXZEE	ROLYAT	SUVPUX	VEMZIW	WIPQUH	YACDUB	ZIHHEG	
PAYSIT	QOGVUD	ROVVOP	SUVQAE	VEPFAX	WIQMOA	YAJREI	ZIHHIK	
PEDWIF	QOQNAM	RUFBOM	SUYBOE	VEPFAX10	WISZON	YALRAG	ZOGMOX	
PEDWIF01	QOQNEQ	RUFBUS	SUYKUT	VEPFAX11	WISZUT	YATNIS	ZOJJOX	
PEDWOL	QOQNIU	RUFCAZ	TADZON	VETGEI	WISZUT01	YEKQUD	ZOLCOV	
PEDWOL01	QOQNOA	RUFCD	TAFSOK	VIDZAL	WOCKEG	YESJOW	ZUXBUS	
PESRAH	QOQNUG	RUFCH	TASGUP	VIKBUN	WOGPAK	YETGEK	ZUXCAZ	
PEWPIR	QOSNOE	RUFCON	TAWZAS	VIMSUG	WOJQAQ	YIFCIA	ZUXCED	
PEWTAP	QOSNUK	RUGGOQ	TAZDAC	VIMTAN	WOMTUP	YIVTOO		
PEWTOD	QOSPAS	RUKYEC	TAZNIU	VIMTER	WOQFOY	YIXKUM		
PICSAX	QOZGEU	RUKYIG	TAZRIY	VIMTIV	WOWDER	YIXLAT		
PIDXAC	QOZGIY	SABJEL	TECXIK	VIRBUW	WUFKEO	YUKYUY		
PIYWEC	QOZGOE	SACCH	TECYIL	VIRBUW01	WUFKIS	YUSSOW		
PIYWOM	QOZGUK	SACCH10	TELHAW	VIYTAZ	WUHROG	YUYFUW		
POKQIQ	QUKDOQ	SAIBCU	TELHEA	VIYTED	WUHRUM	ZADKOF		
POKQOW	QURMUN	SAPACU	TELHIE	VOKWOK	XAJYUD	ZATGOT		
POSMAH	QUTKIA	SAPACU01	TELHOK	VOMHOW	XAJYUD01	ZATGUZ		
POSMAH01	QUTKOG	SAPACU02	TELHUQ	VOMVUQ	XAVCIK	ZEHRAI		
POWDOV	QUWJOK	SAQOQ	TELJAY	VOMWAX	XECGIX	ZEHRM		
POWHUG	QUWJOK0	SATYCU	TERPUB	VOMWEB	XECJAS	ZEJSUF		
POWHUG0	QUYBUK	SAVACU	TERQAI	VOMWIF	XELXIY	ZEKREP		
QADRAS	RADMEQ	SEFGOD	TIDYUC	VOMWOL	XELXOE	ZEKRIT		
QADREW	RAFPUK	SEMQUA	TIFTOS	VOSCAK	XEWXIJ	ZEYBUC		
QAJSUQ	RAFQIZ	SEMRAH	TIYPUN	VOSCEO	XEWZUX	ZEYCAJ		
QAJTAX	RARWAL	SENHUO	TOBDIY	VOTJEV	XEXKUK	ZEYCEN		

List of CCDC codes for structures c s of an aldimine tautomer of a Schiff base
condesate of any pyridine-2 or 4-carboxaldehyde with any amino acid other than glycine

Pyridine-4-carboxaldehyde

Refcode
AQPTNA
AQPTNB
BELJIL
COXNUY
CUPYVL
DEKBED
DEKBIH
DIGQOZ
FAQPOF
FIVKAW
FIVKAW10
JOBFIP
JOBFOV
KIWFOL
MNPOXV
NEQVUD
PAPPAC
PONPEN
SEPTUD
SEPVAL
TIMLUX
TIMMAE
VALPNI10
VALPZN10
VOKJOU
VOKJUA
WEGFOD
WEGFUJ
WEGGEU
ZOSFOC

Pyridine-2-carboxaldehyde

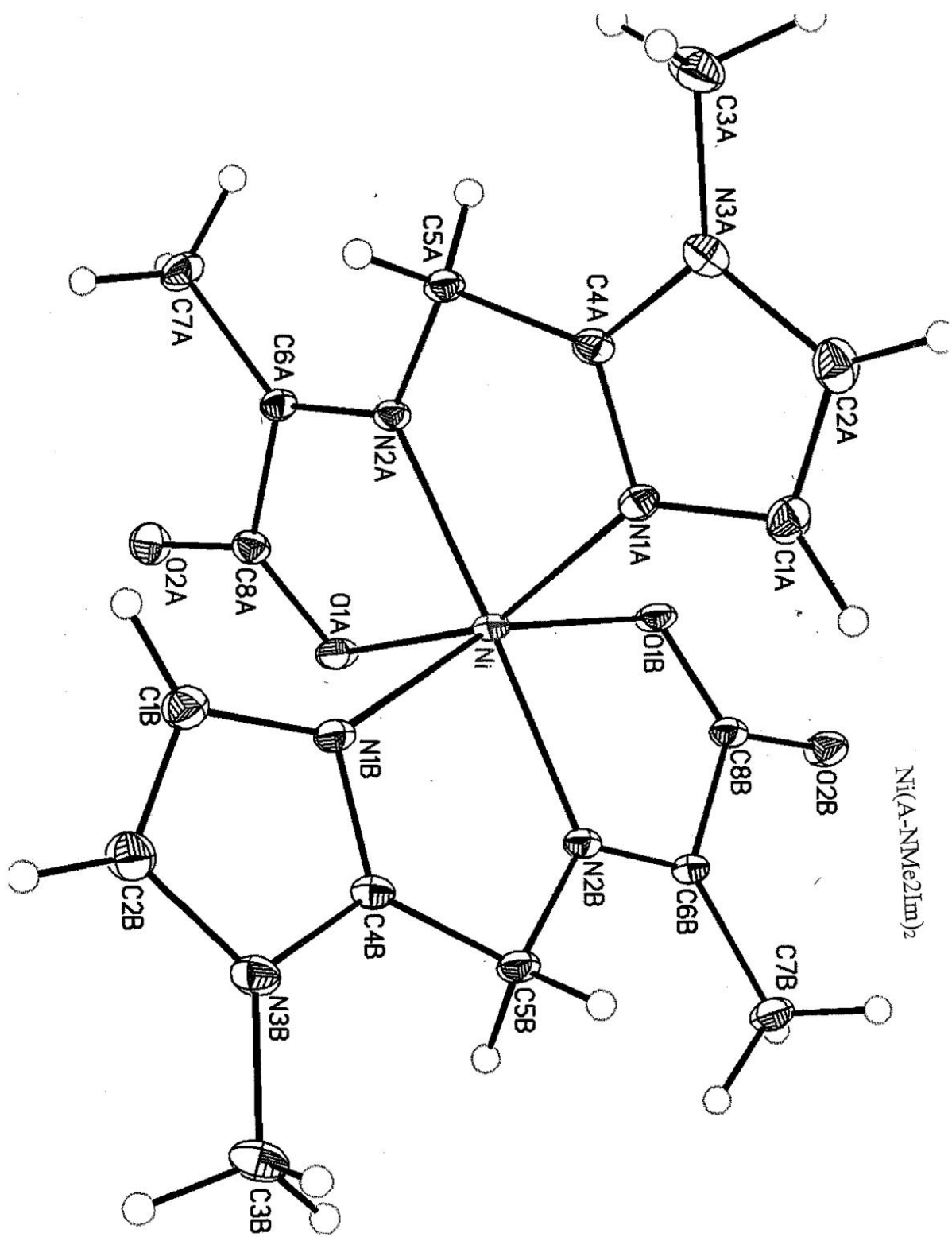
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CINHOW
DIFKEK
DIFLEL
FUVTEW
IBENIQ
KELMAR
LOJXOZ
MOLLUW
MOLMAD
MOLMEH
OTIFED
SAGMIA
SAYFUV
SAYGAC
SENBES
SEPDOG
TOGQEO
TOGQIS
TOLVUN
TOVJET
TOVJIX
WEGBAN
WEGBER
WEGBIV
WOQFIS
XAKTAF
XEDWIN

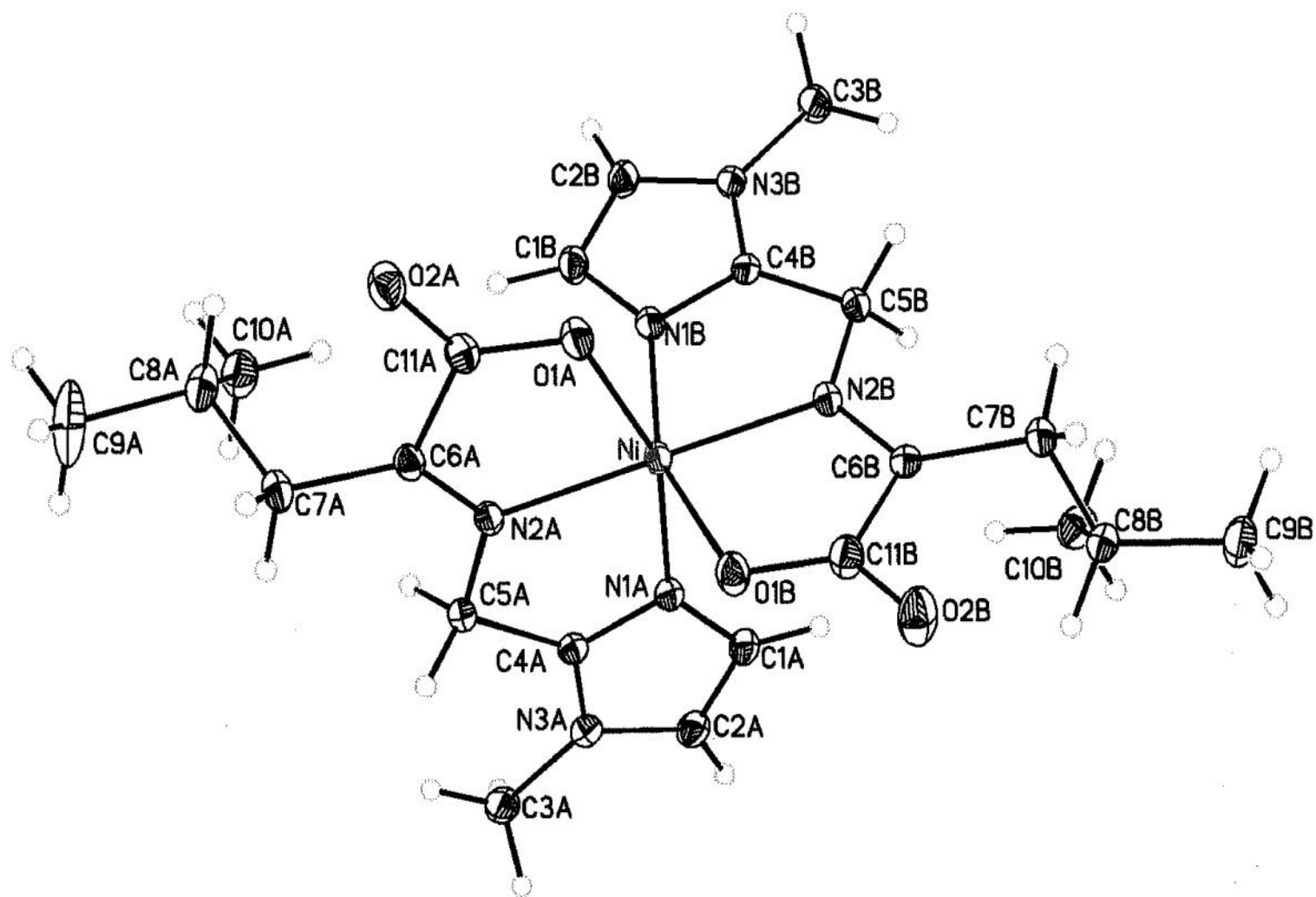
Table S1 Crystallographic Data for new Nickel Ketimine complexes

Compound	Ni(L-NMe2Im) ₂ ·2H ₂ O	Ni(L-NMe2Im) ₂ ·1.5H ₂ O	[Ni(F-NMe2Im) ₂]	Ni(A-2Im) ₂ ·3H ₂ O	Ni(L-2Im) ₂
CSD number	967170	967169	2192114	970635	970637
Empirical formula	C ₂₂ H ₃₂ N ₆ NiO ₄ ·2H ₂ O	C ₂₂ H ₃₂ N ₆ NiO ₄ ·1.5 H ₂ O	C ₂₈ H ₂₈ N ₆ NiO ₄	C ₁₄ H ₁₆ N ₆ NiO ₄ ·3H ₂ O	C ₂₀ H ₂₈ N ₆ NiO ₄
M/ g mol ⁻¹	539.28	530.27	571.27	445.09	475.19
Temperature /K	123(2)	123(2)	150(2)	123(2)	123(2)
λ / Å	1.54184	1.54184	0.71073	1.54178	1.54178
Crystal System	Monoclinic	Triclinic	Orthorhombic	Monoclinic	Monoclinic
Space group	P21/c	P-1	Pna2/1	P21/n	C2/c
Unit cell dimensions	a=9.59883(11) Å, b=14.12191(10) Å, c=19.34243(17) Å, $\alpha=90^\circ$ $\beta=98.9341(10)^\circ$ $\gamma=90^\circ$	a=10.6408(12) Å, b=12.3147(14) Å, c=12.6059(16) Å, $\alpha=61.514(12)^\circ$ $\beta=84.201(11)^\circ$ $\gamma=66.890(11)^\circ$	a=30.881(9) Å, b=12.236(4) Å, c=15.652(5) Å, $\alpha=90^\circ$ $\beta=90^\circ$ $\gamma=90^\circ$	a=11.2247(5) Å, b=15.4212(6) Å, c=11.4436(4) Å, $\alpha=90^\circ$ $\beta=106.818(4)^\circ$ $\gamma=90^\circ$	a=20.5168(4) Å, b=17.8430(4) Å, c=12.0164(2) Å, $\alpha=90^\circ$ $\beta=101.079(2)^\circ$ $\gamma=90^\circ$
Volume/ Å ³	2590.13(4)	1327.8(3)	5914(3)	1896.14(13)	4317.00(15)
Z	4	2	8	4	8
Abs. Coeff./mm ⁻¹	1.486	1.427	0.698	1.941	1.636
F(000)	1144	562	2384.0	928	2000
Crystal size/ mm ³		0.46x0.20x0.15	0.25x0.12x0.065		0.41x0.32x0.12
Theta range/ ^o	3.892 to 75.519	4.01 to 77.54	3.58 to 39.996	4.86 to 75.60	3.31 to 75.59
Index ranges	-10≤h≤11 -17≤k≤17 -23≤l≤23	-13≤h≤12 -15≤k≤11 -15≤l≤12	-29≤h≤39 -11≤k≤11 -15≤l≤15	-13≤h≤9 -19≤k≤15 -14≤l≤13	-23≤h≤25 -21≤k≤14 -13≤l≤15
Reflections Collected	25254	8678	21071	7237	8680
Independent Reflections	5282	5291	5512	3809	4371
R1	0.0369	0.0833	0.0961	0.0487	0.0424
WR2	0.099	0.2194	0.2367	0.1257	0.1057
GOF on F ²	1.071	1.074	1.090	1.027	1.046

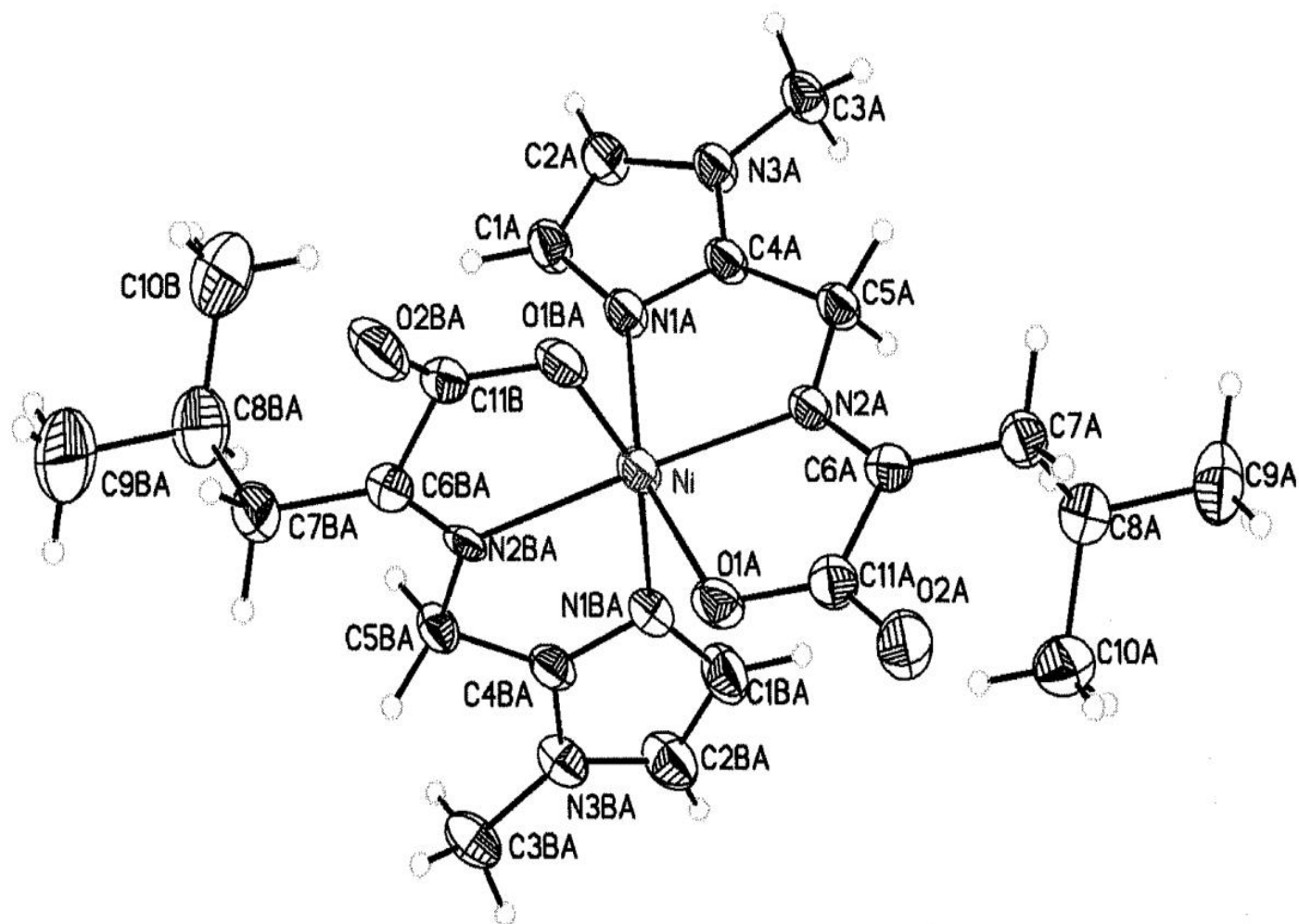
Table S1 cont.

Compound	Ni(F-2Im) ₂ ·H ₂ O	Ni(L-4Me2Im) ₂ ·2.68H ₂ O	Ni(A- 4,5DiMe2Im) ₂ ·H ₂ O	Ni(L- 4,5DiMe2Im) ₂ ·H ₂ O	Ni(L-5Me3Pz) ₂ ·H ₂ O
CSD number	970636	2015581	2015577	2015578	2015579
Empirical formula	C ₂₆ H ₂₄ N ₆ NiO ₄ · H ₂ O	C ₂₂ H ₃₂ N ₆ NiO ₄ · 2.68H ₂ O	C ₃₆ H ₄₈ N ₁₂ Ni ₂ O ₈ · 3H ₂ O	C ₂₄ H ₃₆ N ₆ NiO ₄ · H ₂ O	C ₂₂ H ₃₂ N ₆ NiO ₄ · 0.94H ₂ O
M/ g mol ⁻¹	561.24	548.22	948.33	549.31	520.26
Temperature/ K	123(2)	150(2)	100(2)	100(2)	200(2)
λ / Å	1.54184	0.71073	0.71073	0.71073	0.71073
Crystal System	Monoclinic	Triclinic	Triclinic	Triclinic	Trigonal
Space group	P21/c	P-1	P-1	P-1	R-3
Unit cell dimensions	a=14.3190(5) Å, b=15.5807(3) Å, c=12.3982(4) Å, α = 90° β =111.588(4)° γ = 90°	a=10.286(2) Å, b=12.230(3) Å, c=12.518(3) Å, α = 71.746(3)° β =67.747(3)° γ = 84.911(3)°	a=12.2408(4) Å, b=12.8734(5) Å, c=15.5562(6) Å, α = 99.146(2)° β =99.500(2)° γ = 102.5580(10)°	a=10.7224(8) Å, b=12.2980(9) Å, c=12.9162(8) Å, α = 106.392(2)° β =112.916(2)° γ = 95.764(3)°	a=23.9521(17) Å, b=23.9521(17) Å, c=23.9211(17) Å, α = 90° β =90° γ = 120°
Volume/ Å ³	2572.01(15)	1380.2(6)	2359.65(15)	1461.75(18)	11885.0(19)
Z	4	2	2	2	18
Abs. Coeff./mm ⁻¹	1.504	0.750	0.863	0.705	0.776
F(000)	1168	579.0	996	584	4958.0
Crystal size/ mm ³	0.86x0.25x0.13	0.32x0.10x0.09	0.42x0.25x0.24	0.44x0.31x0.12	0.27x0.10x0.085
Theta range/°	3.319 to 75.876	3.508 to 45.99	1.935 to 30.520	2.055 to 30.539	3.4 to 52.708
Index ranges	-17≤h≤15 -19≤k≤19 -15≤l≤15	-10≤h≤11 -12≤k≤13 0≤l≤13	-17≤h≤17 -18≤k≤18 -22≤l≤22	-15≤h≤15 -17≤k≤17 -16≤l≤18	-29≤h≤29 -29≤k≤29 -29≤l≤29
Reflections Collected	17188	3674	70763	46608	34317
Independent Reflections	5157	3674	14359	8922	5388
R1	0.0920	0.0686	0.0393	0.0514	0.0436
WR2	0.2662	0.1364	0.0945	0.1327	0.0882
GOF on F ²	1.105	1.055	1.031	1.034	1.000

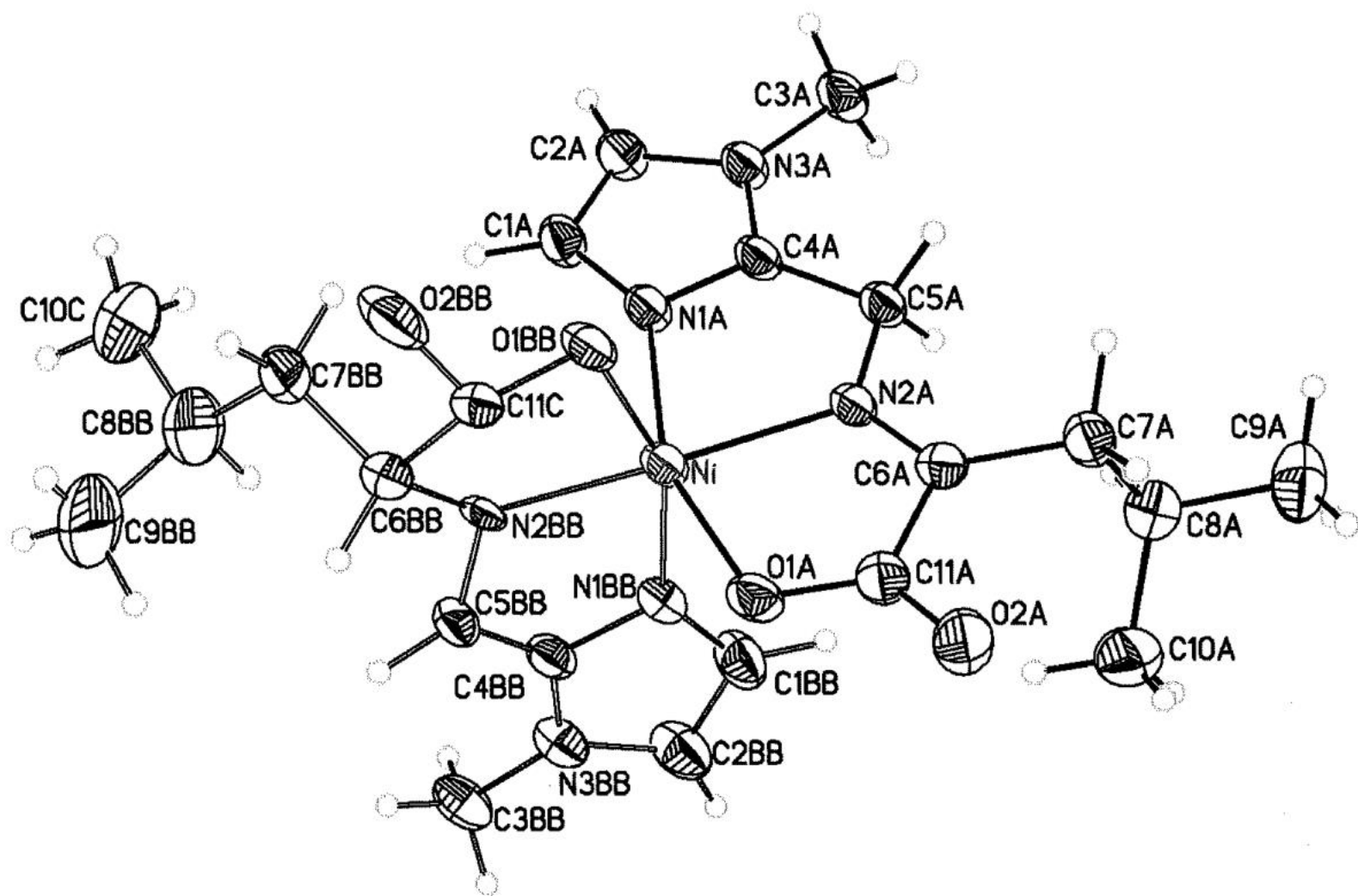




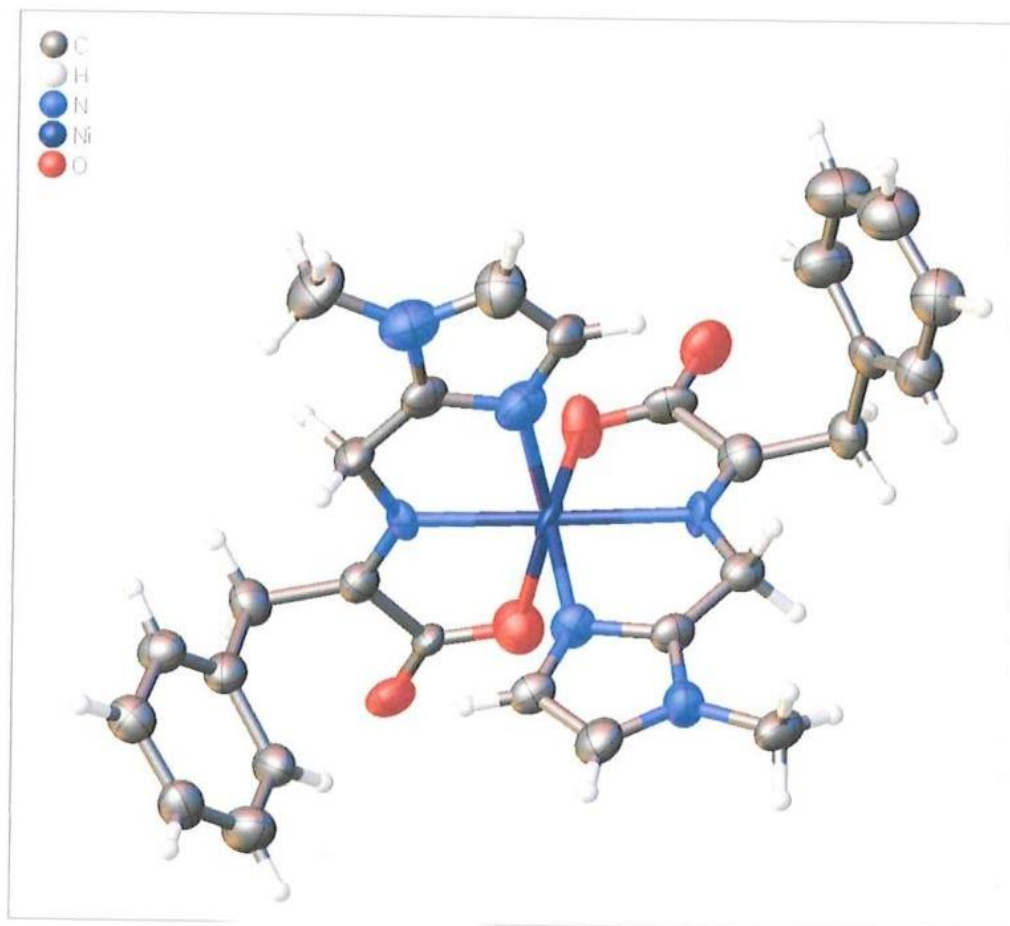
$\text{Ni}(\text{L-NMe}_2\text{Im})_2$ Monoclinic



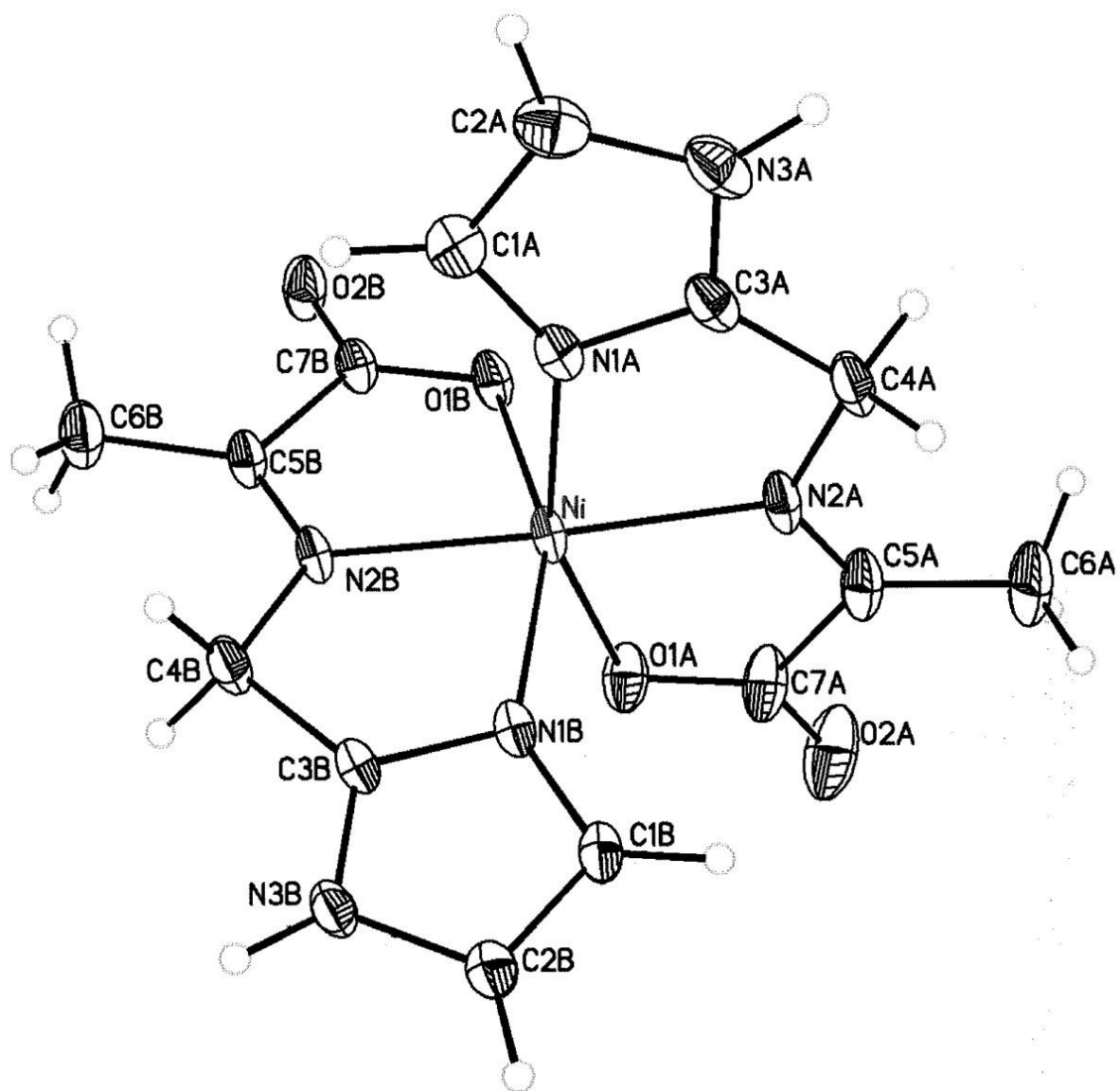
Ni(L-NMe₂Im)₂ Triclinic (Both ligands as ketimine)



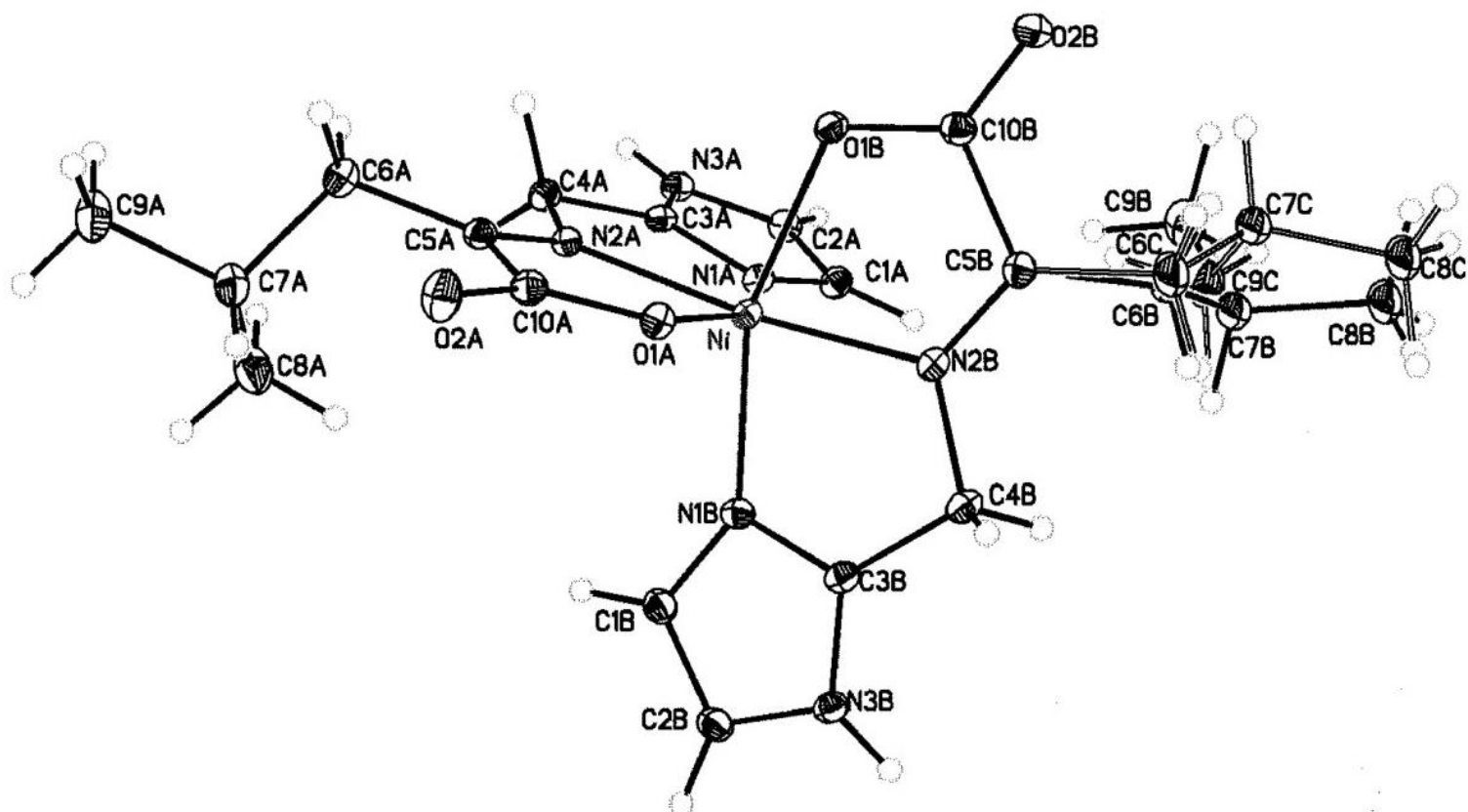
Ni(L-NMe₂Im)₂ Triclinic (One ligand ketamine, other ketamine)



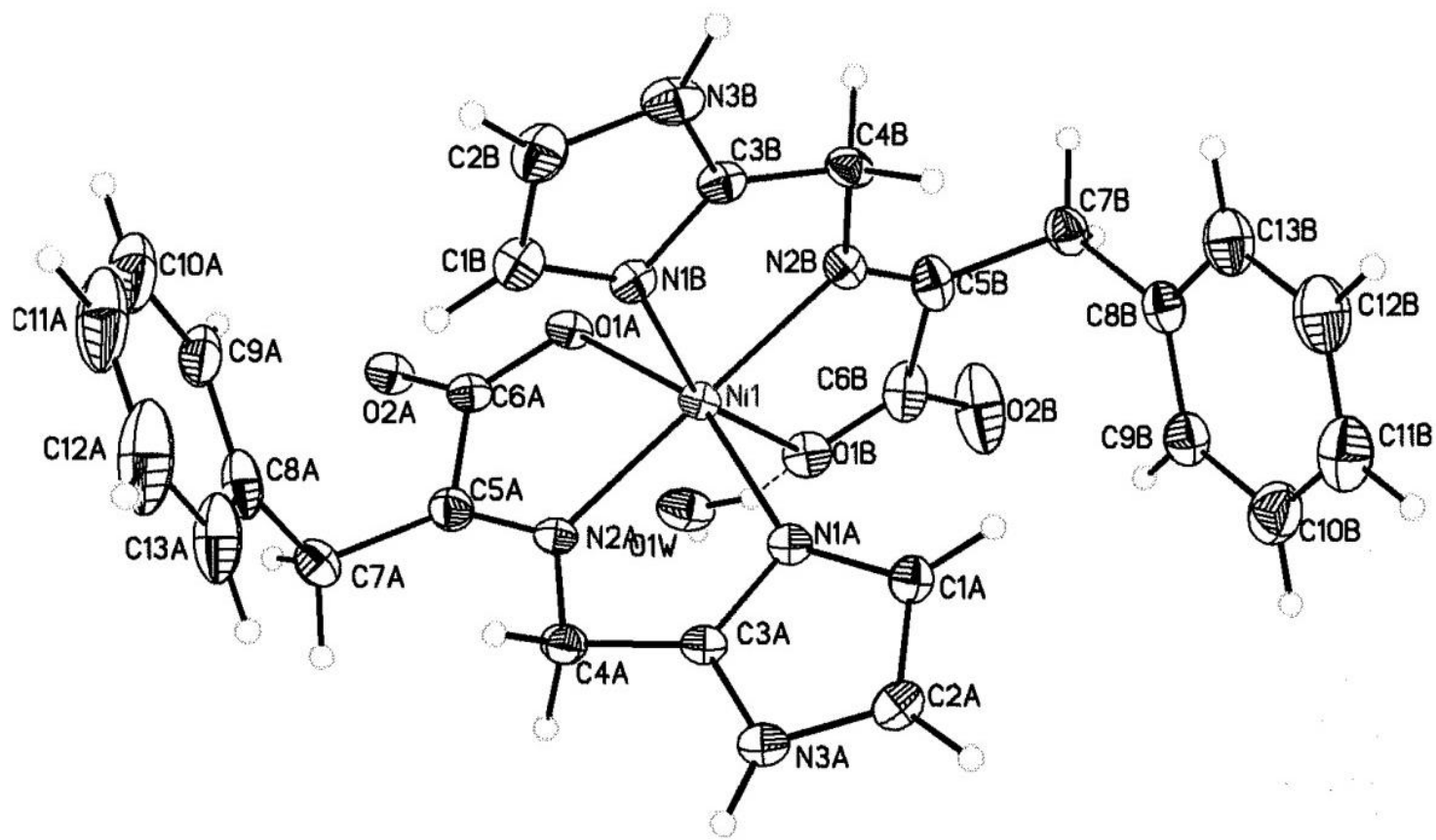
$\text{Ni}(\text{F-NMe}_2\text{Im})_2$



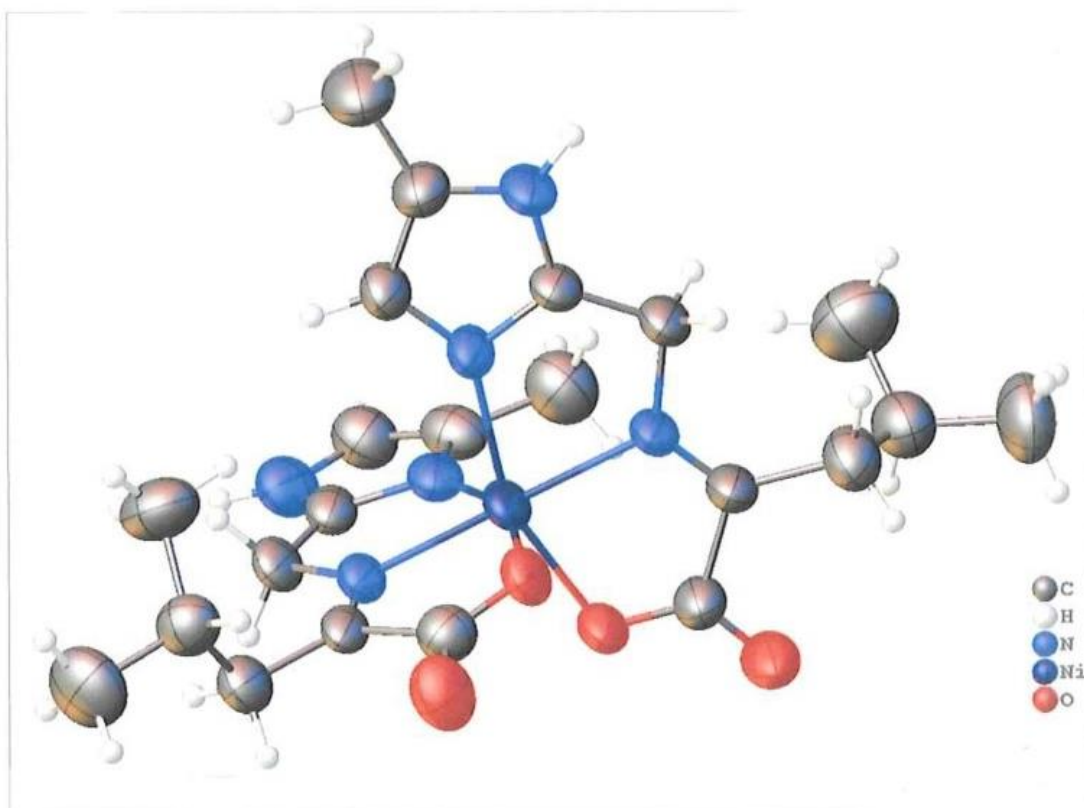
$\text{Ni}(\text{A-2Im})_2$



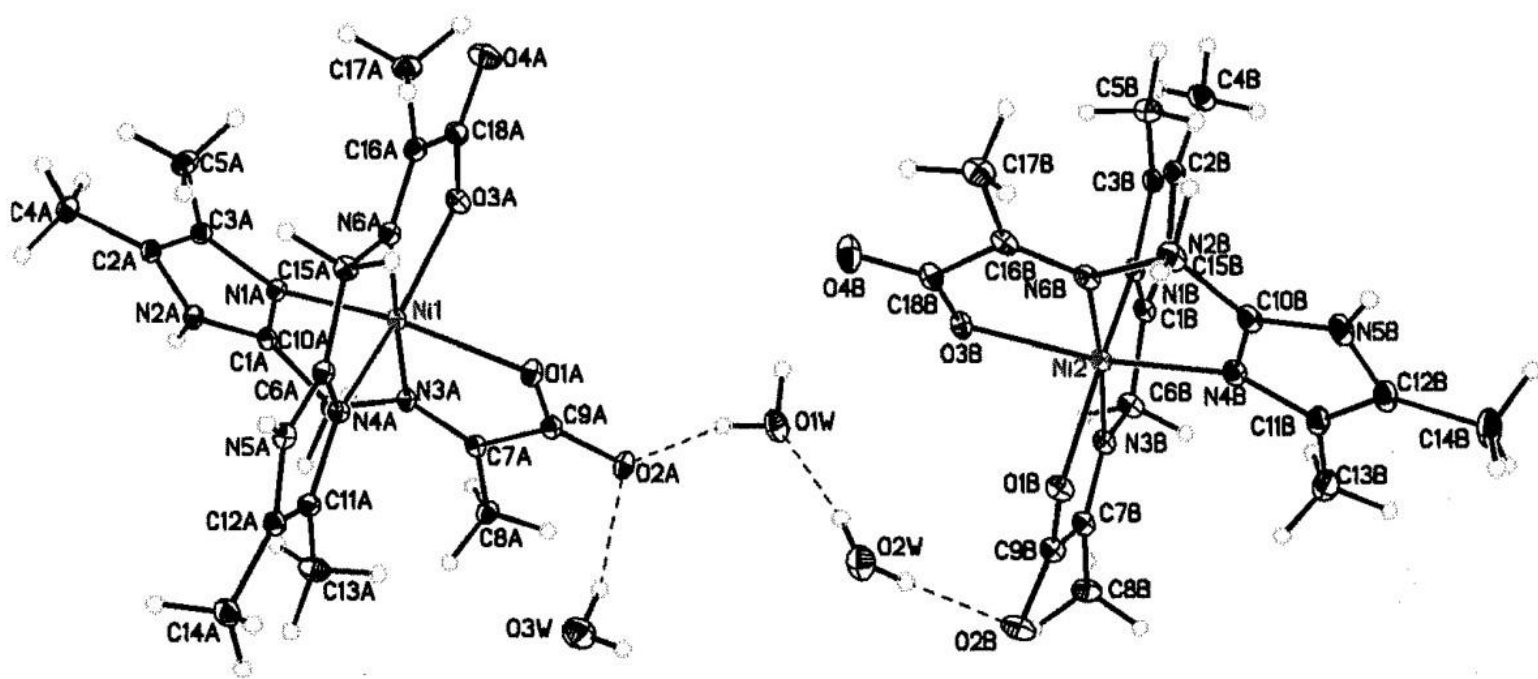
$\text{Ni}(\text{L-2Im})_2$



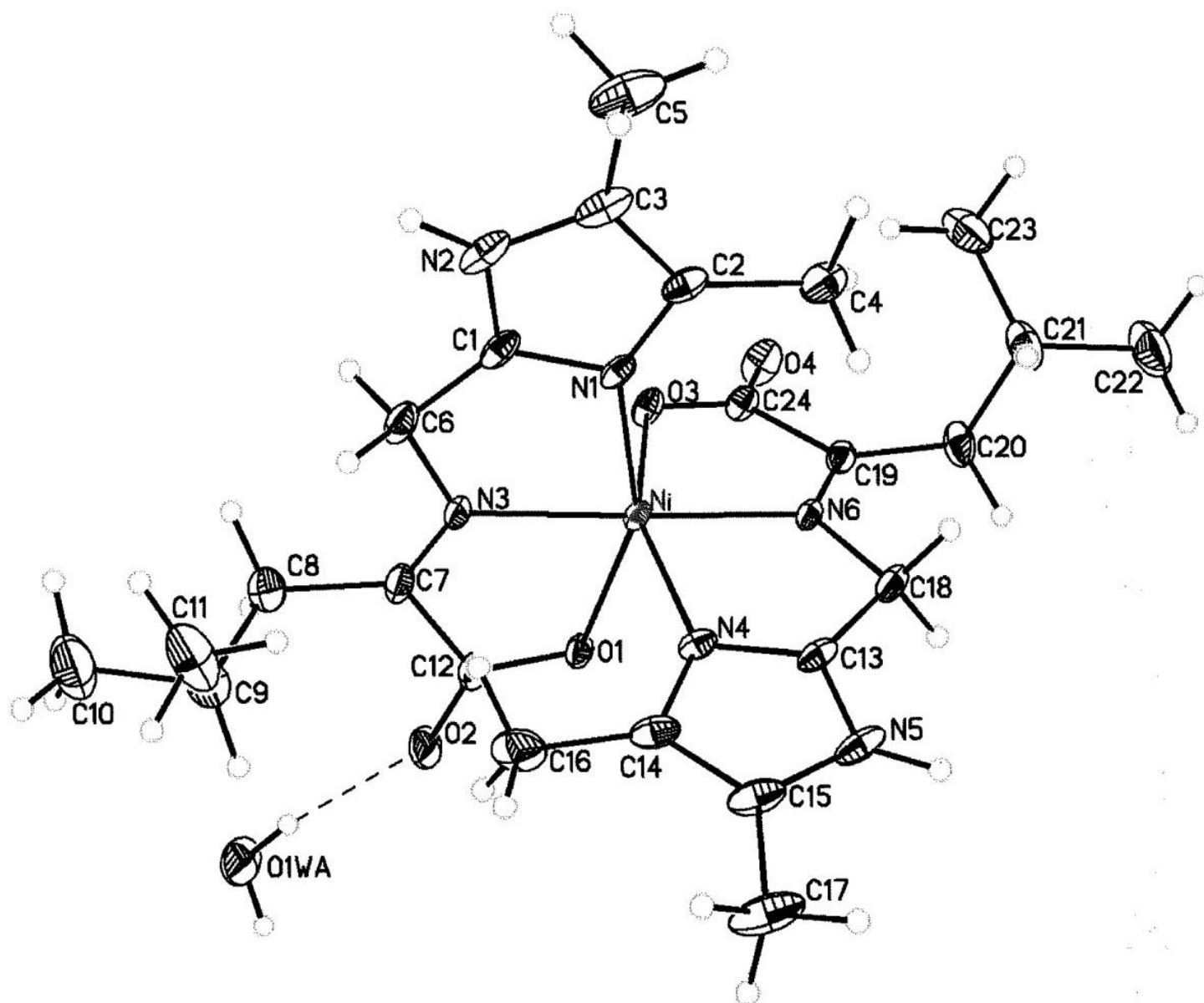
$\text{Ni}(\text{F-2Im})_2$



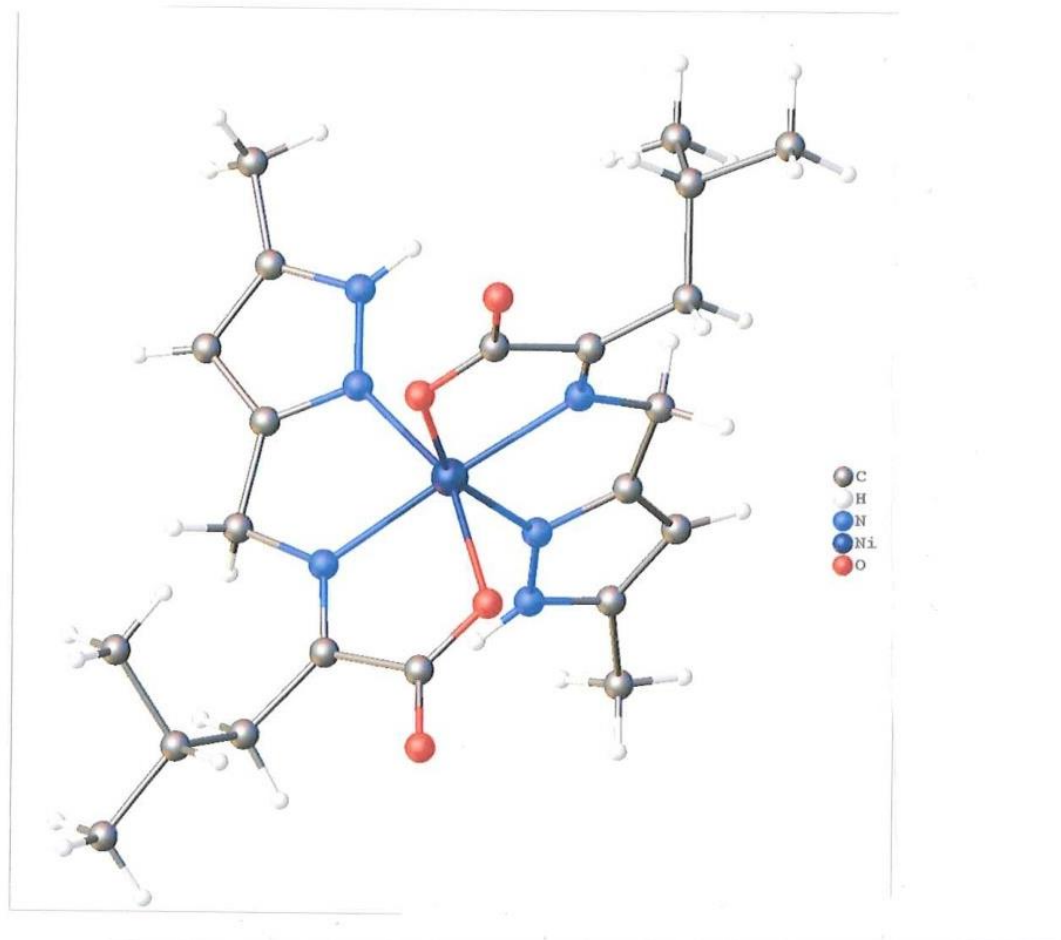
Ni(L-4Me₂Im)₂



$\text{Ni}(\text{A-4,5DiMe}_2\text{Im})_2$



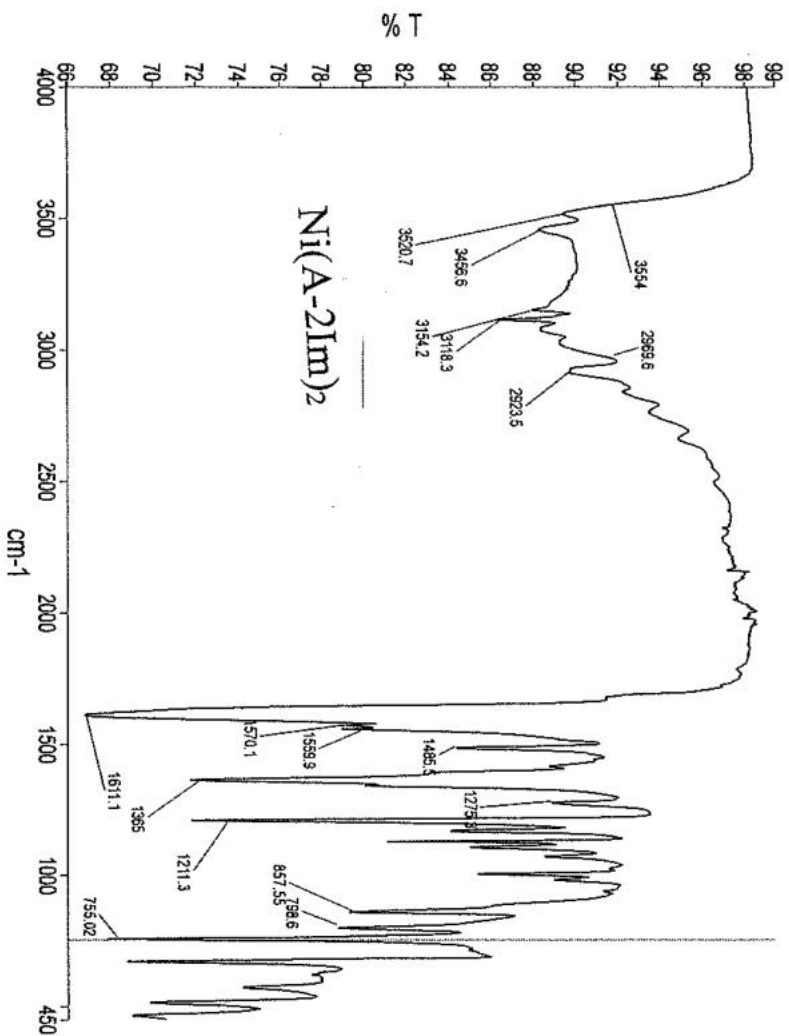
Ni(L-4,5DiMe2Im)₂



$\text{Ni}(\text{L-5Me}_3\text{Pz})_2$

Analyst
Date

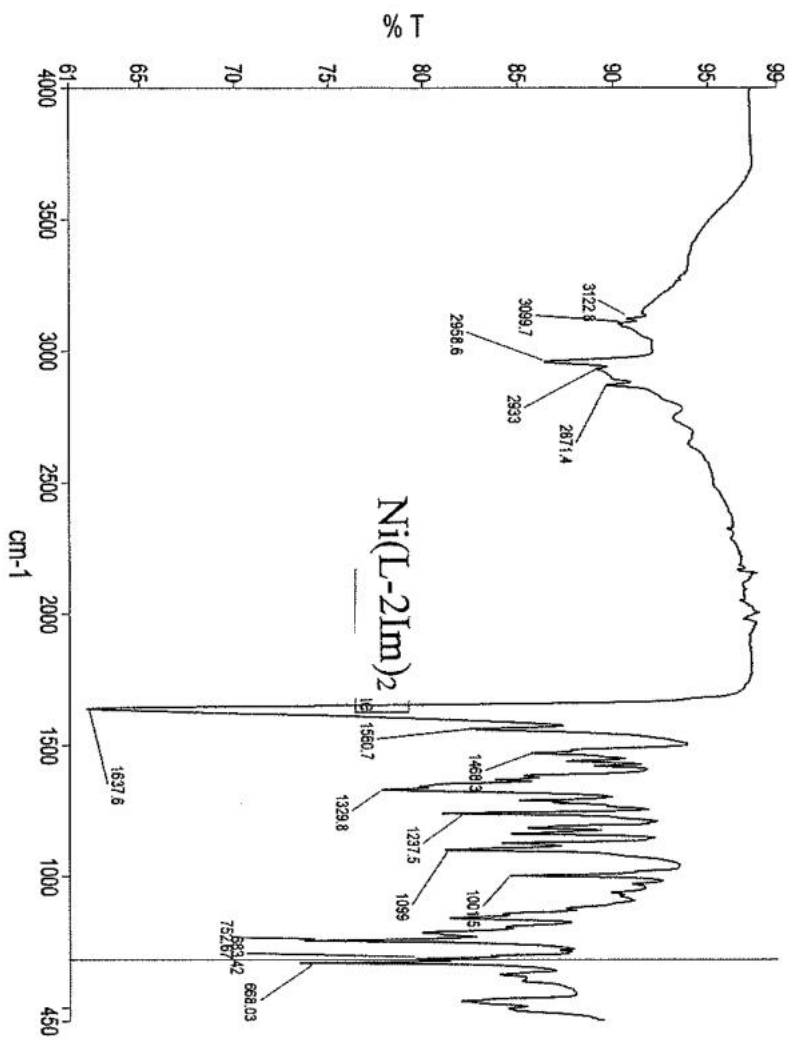
Administrator
Thursday, July 27, 2023 2:12 PM



Analyst
Date

Administrator
Thursday, July 27, 2023 3:45 PM

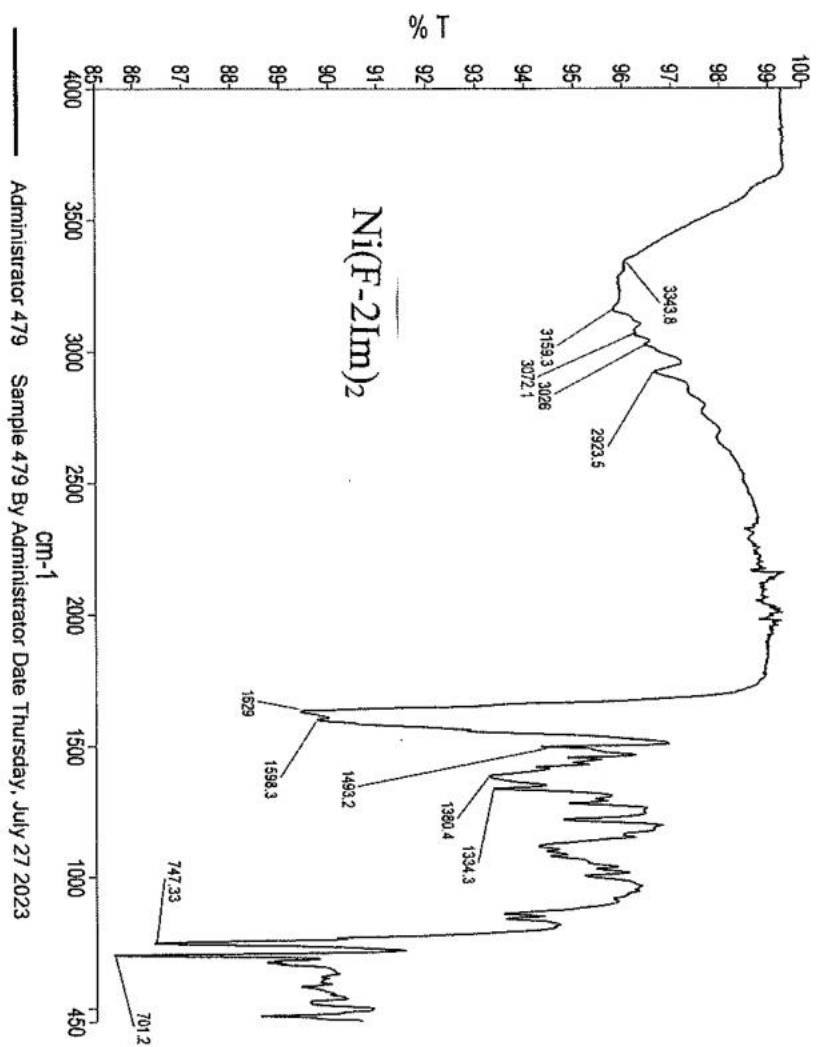
PerkinElmer Spectrum Version 10.4.4
Thursday, July 27, 2023 3:45 PM



Analyst
Date

Administrator
Thursday, July 27, 2023 2:24 PM

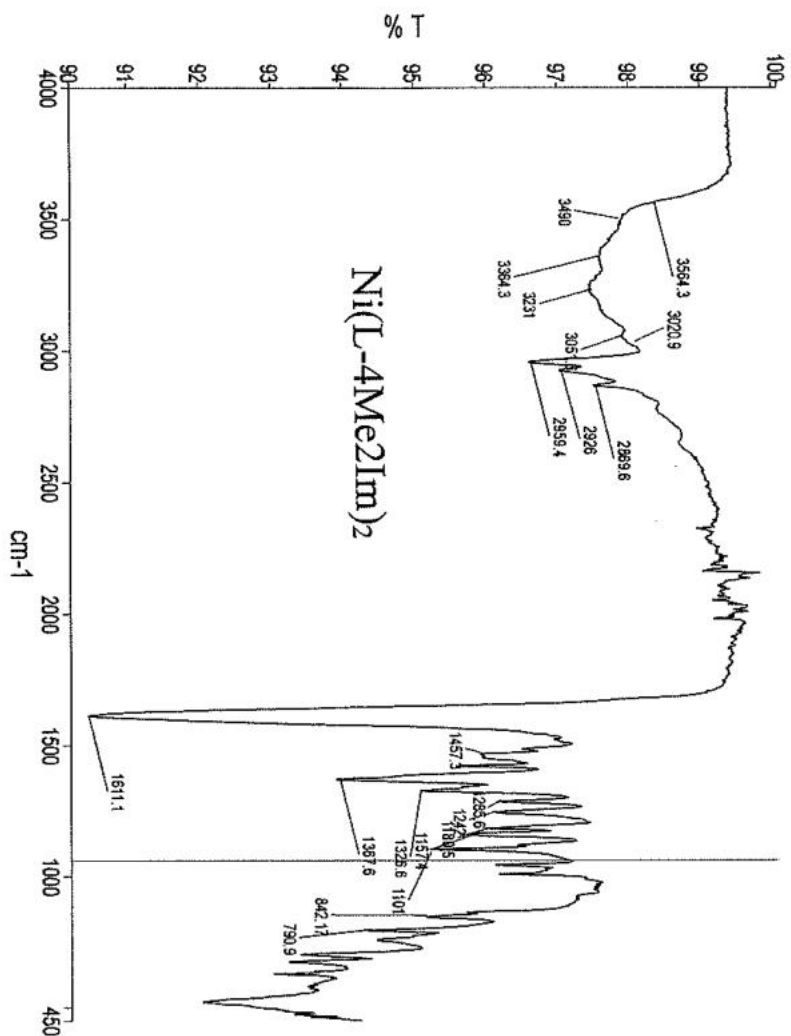
PerkinElmer Spectrum Version 10.4.4
Thursday, July 27, 2023 2:24 PM



Analyst
Date

Administrator
Wednesday, July 26, 2023 4:15 PM

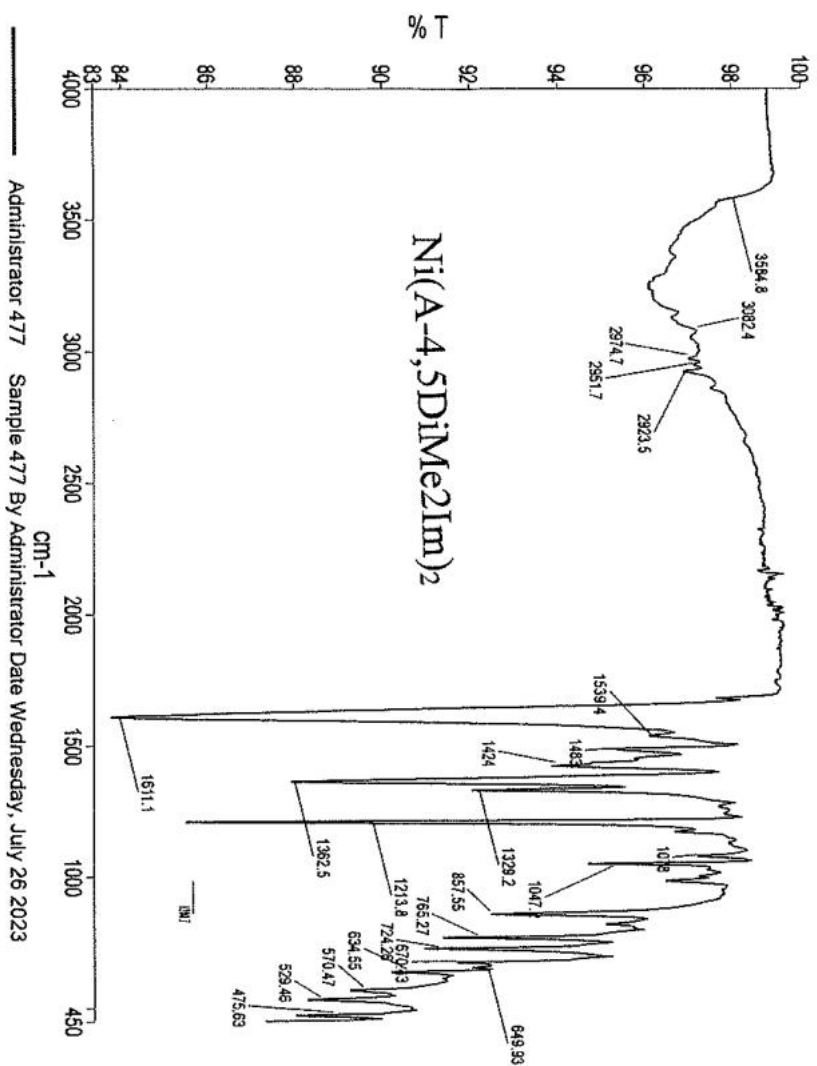
PerkinElmer Spectrum Version 10.4.4
Wednesday, July 26, 2023 4:15 PM



Analyst
Date

Administrator
Wednesday, July 26, 2023 4:26 PM

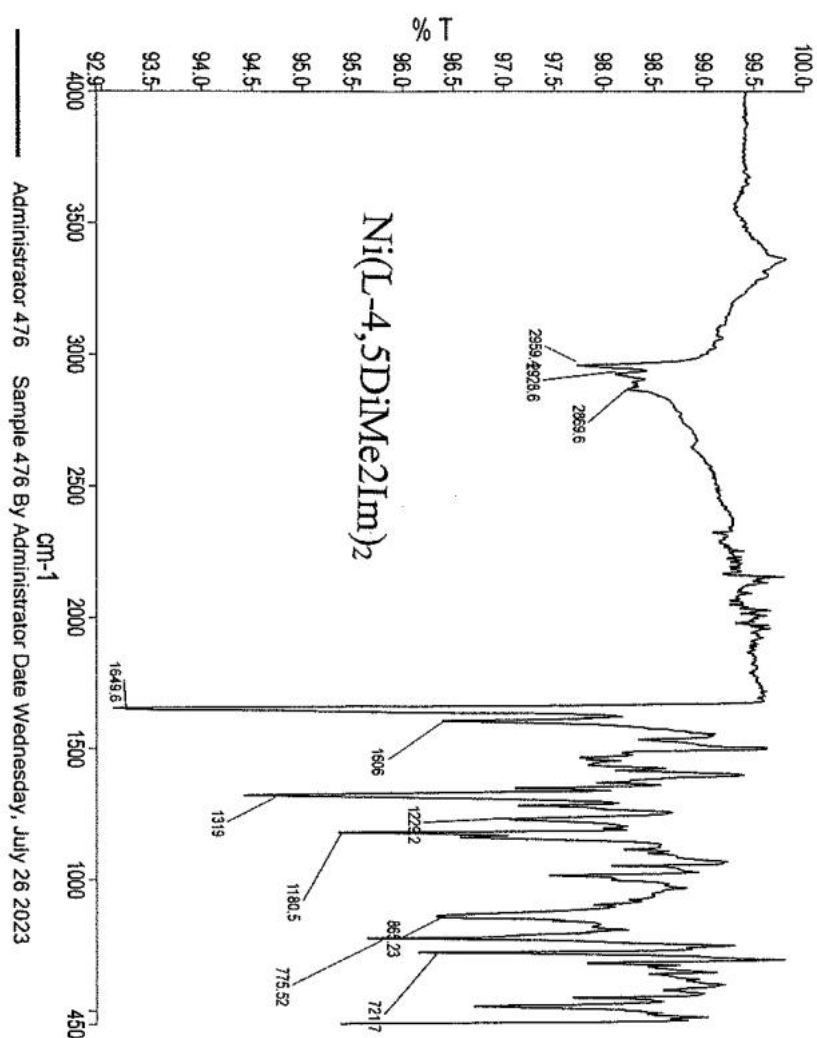
Parkinson Spectrum Version 10.4.4
Wednesday, July 26, 2023 4:26 PM



Analyst
Date

Administrator
Wednesday, July 26, 2023 4:10 PM

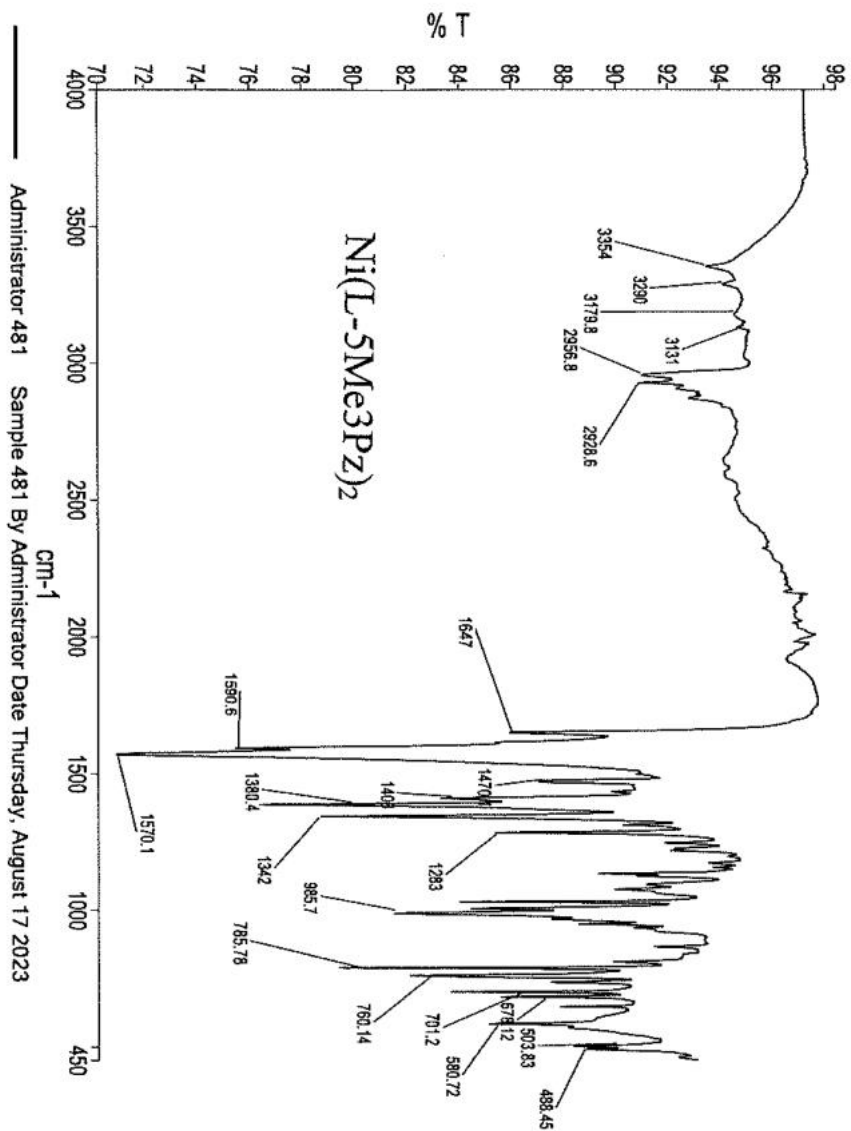
Parkinson Spectrum Version 10.4.4
Wednesday, July 26, 2023 4:10 PM



Analyst
Date

Administrator
Thursday, August 17, 2023 2:37 PM

PerkinElmer Spectrum Version 10.4.4
Thursday, August 17, 2023 2:37 PM

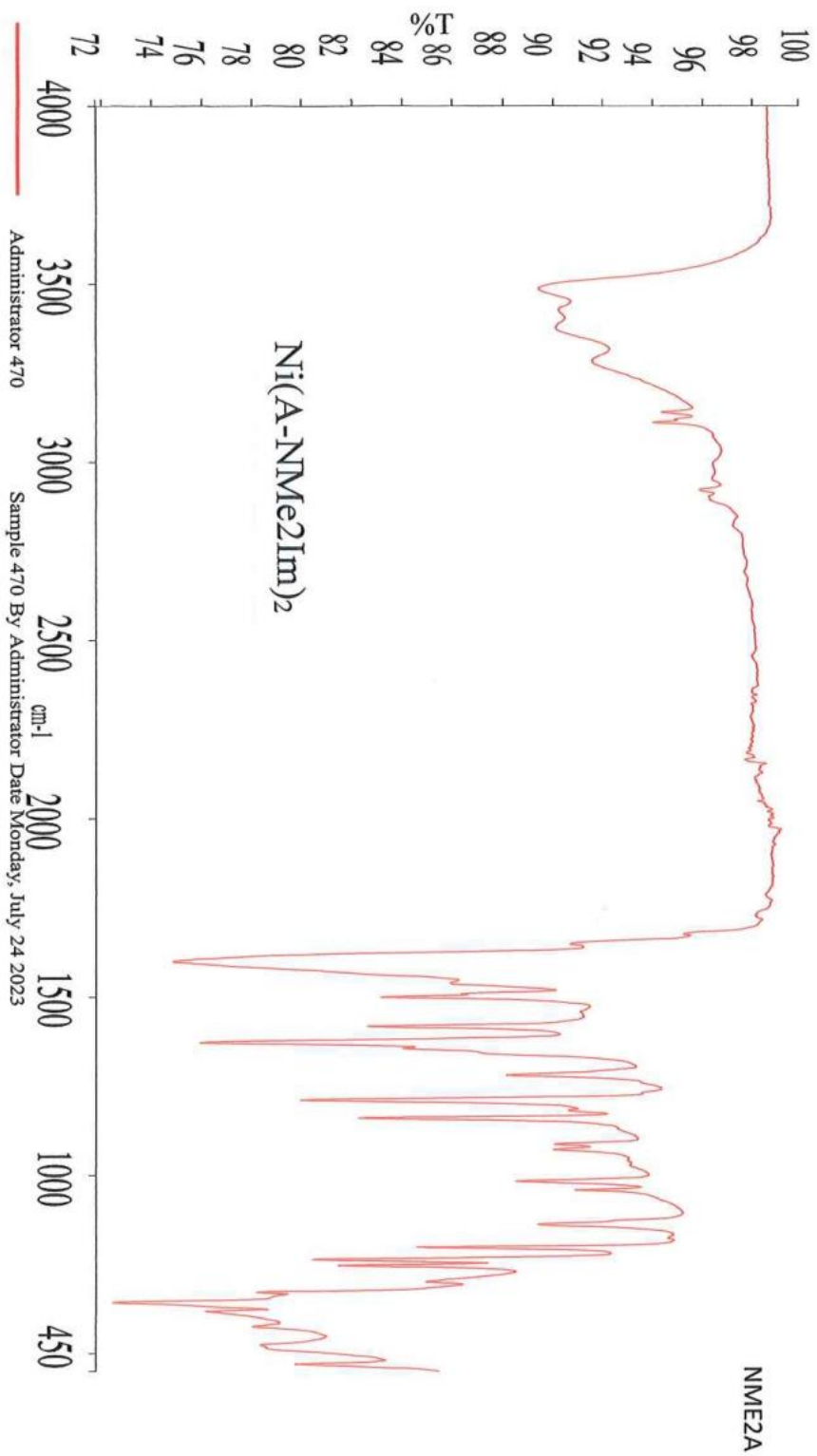


Administrator 481 Sample 481 By Administrator Date Thursday, August 17 2023

Analyst
Date

Administrator
Monday, July 24, 2023 3:49 PM

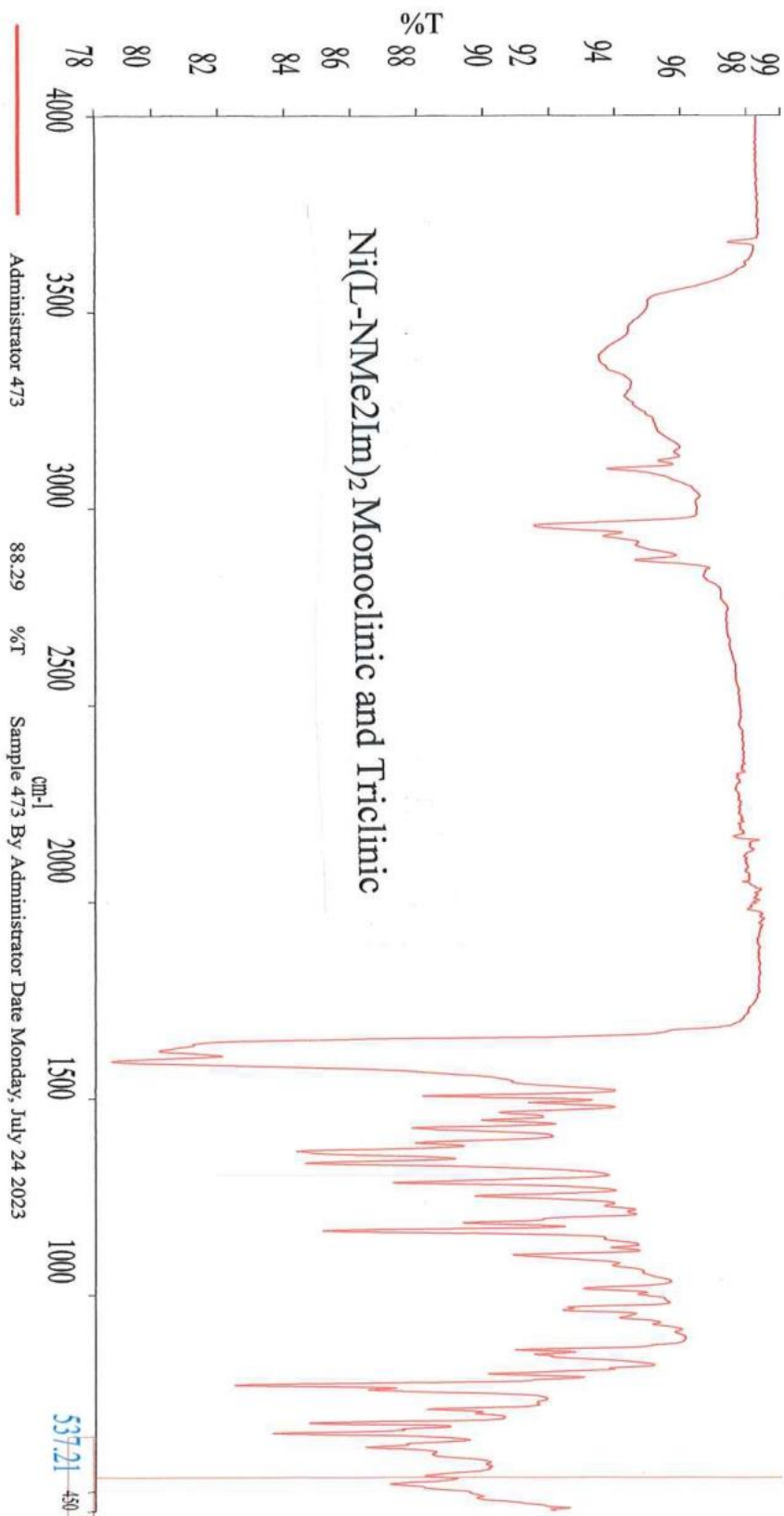
PerkinElmer Spectrum Version 10.4.4
Monday, July 24, 2023 3:49 PM



Analyst
Date

Administrator
Monday, July 24, 2023 4:06 PM

PerkinElmer Spectrum Version 10.4.4
Monday, July 24, 2023 4:06 PM

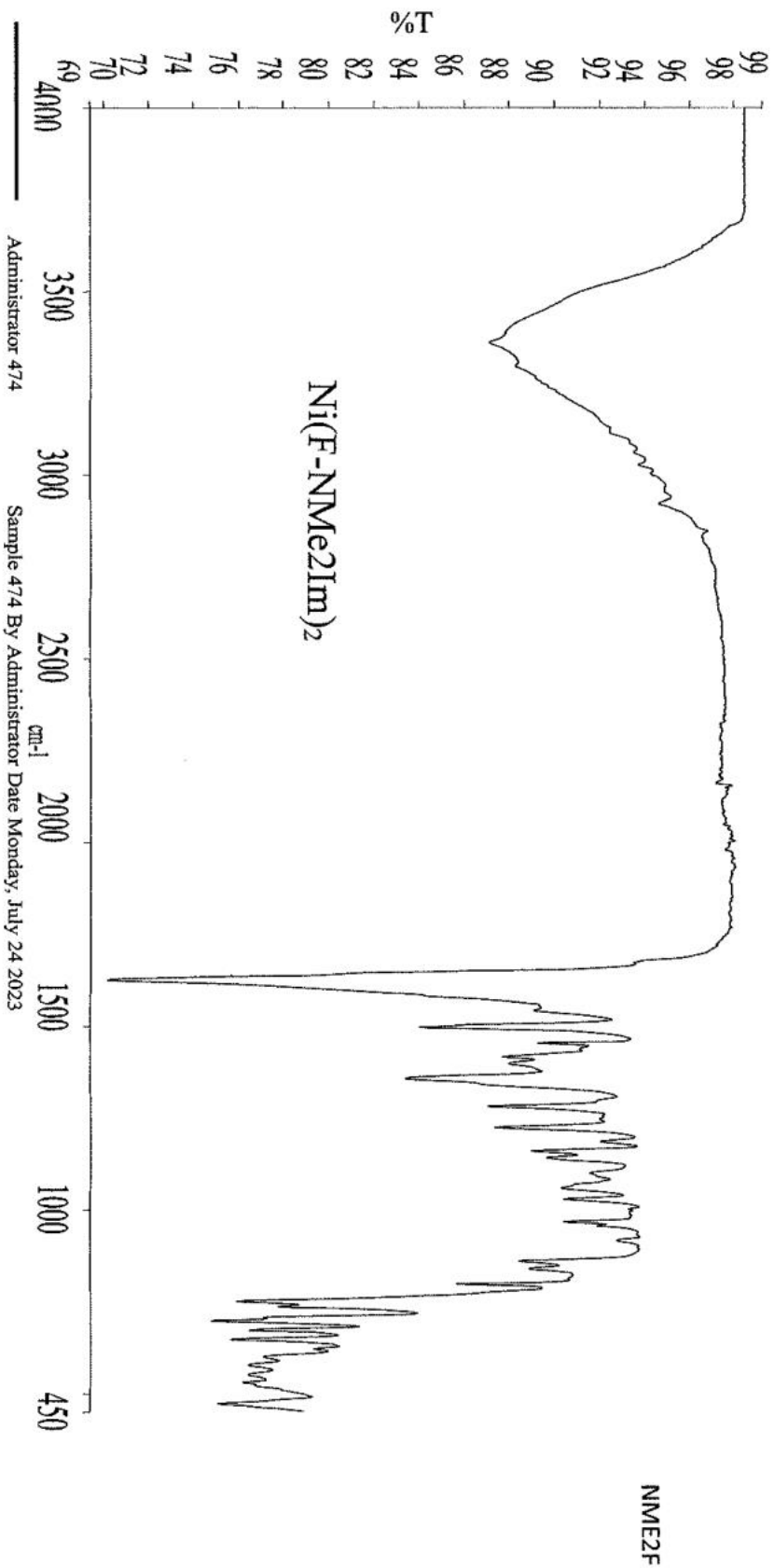


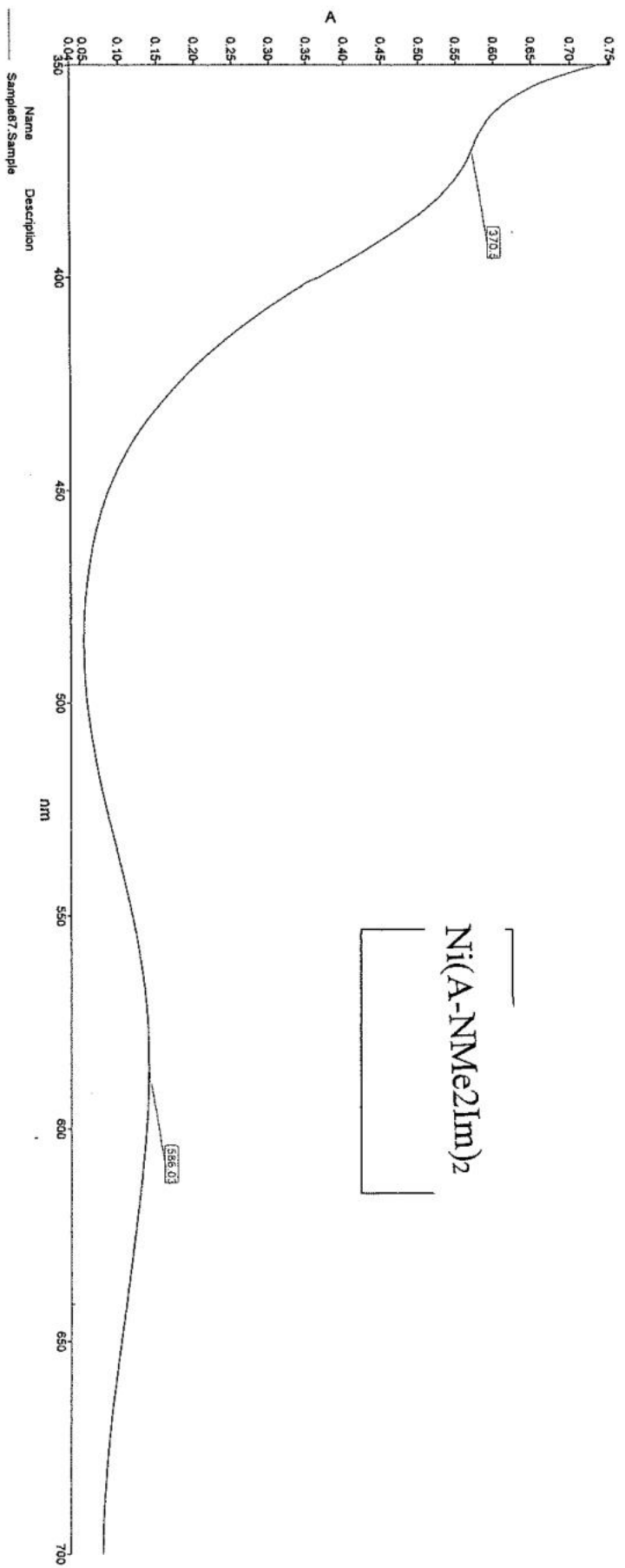
NME2L

Analyst
Date

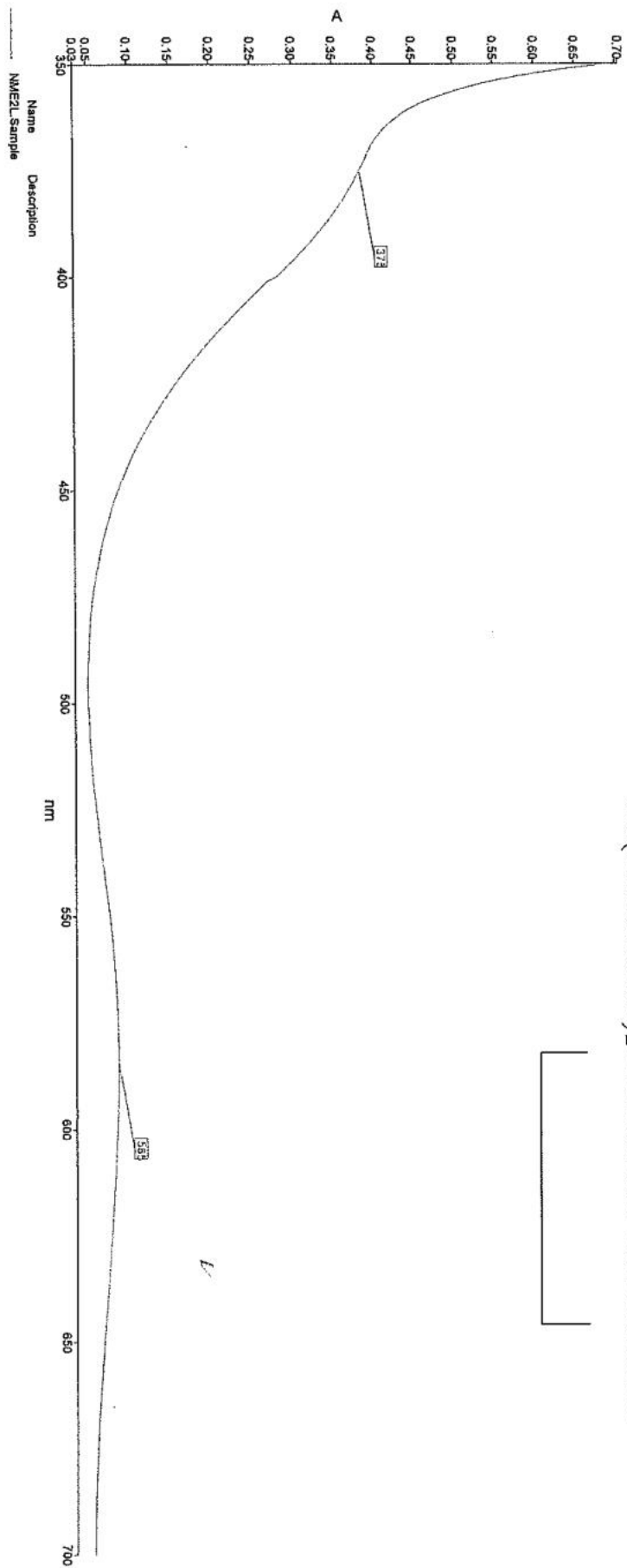
Administrator
Monday, July 24, 2023 4:11 PM

PerkinElmer Spectrum Version 10.4.4
Monday, July 24, 2023 4:11 PM

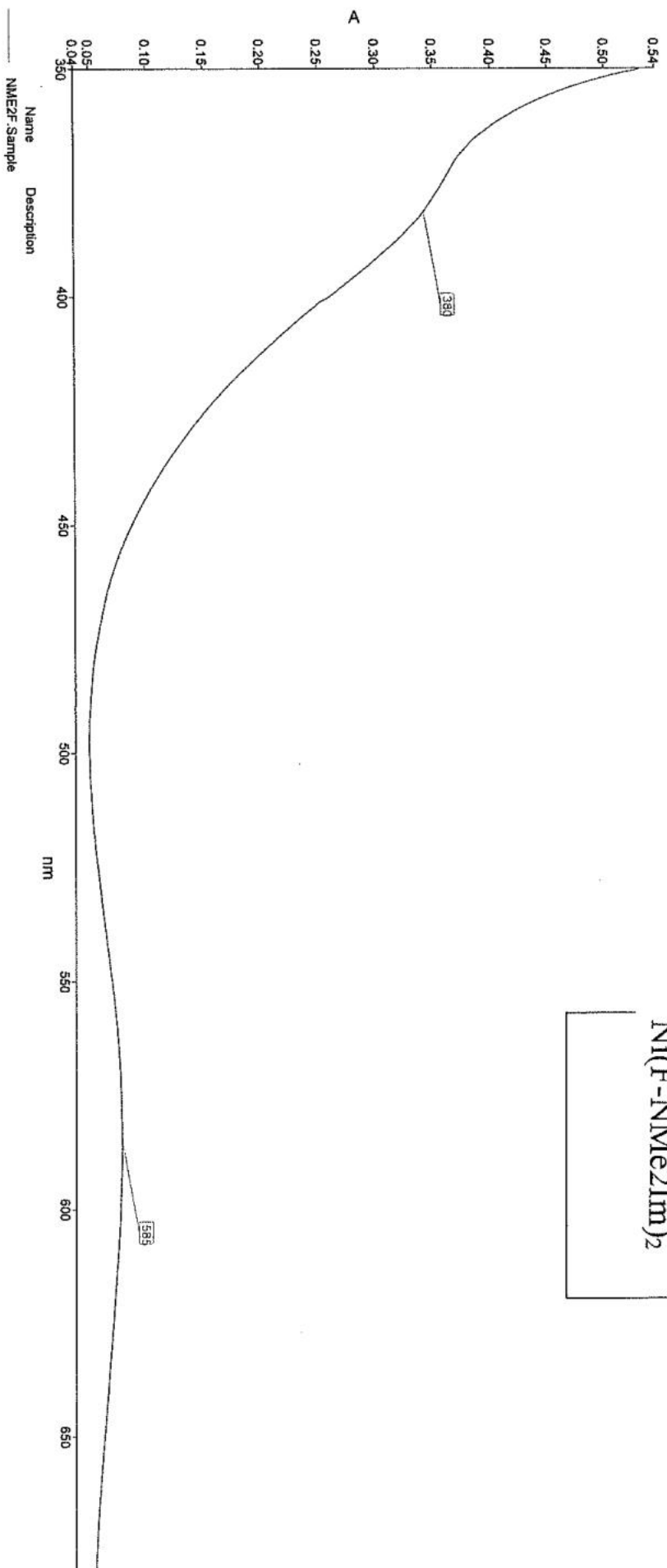




Ni(L-NMe₂Im)₂ Monoclinic and Triclinic



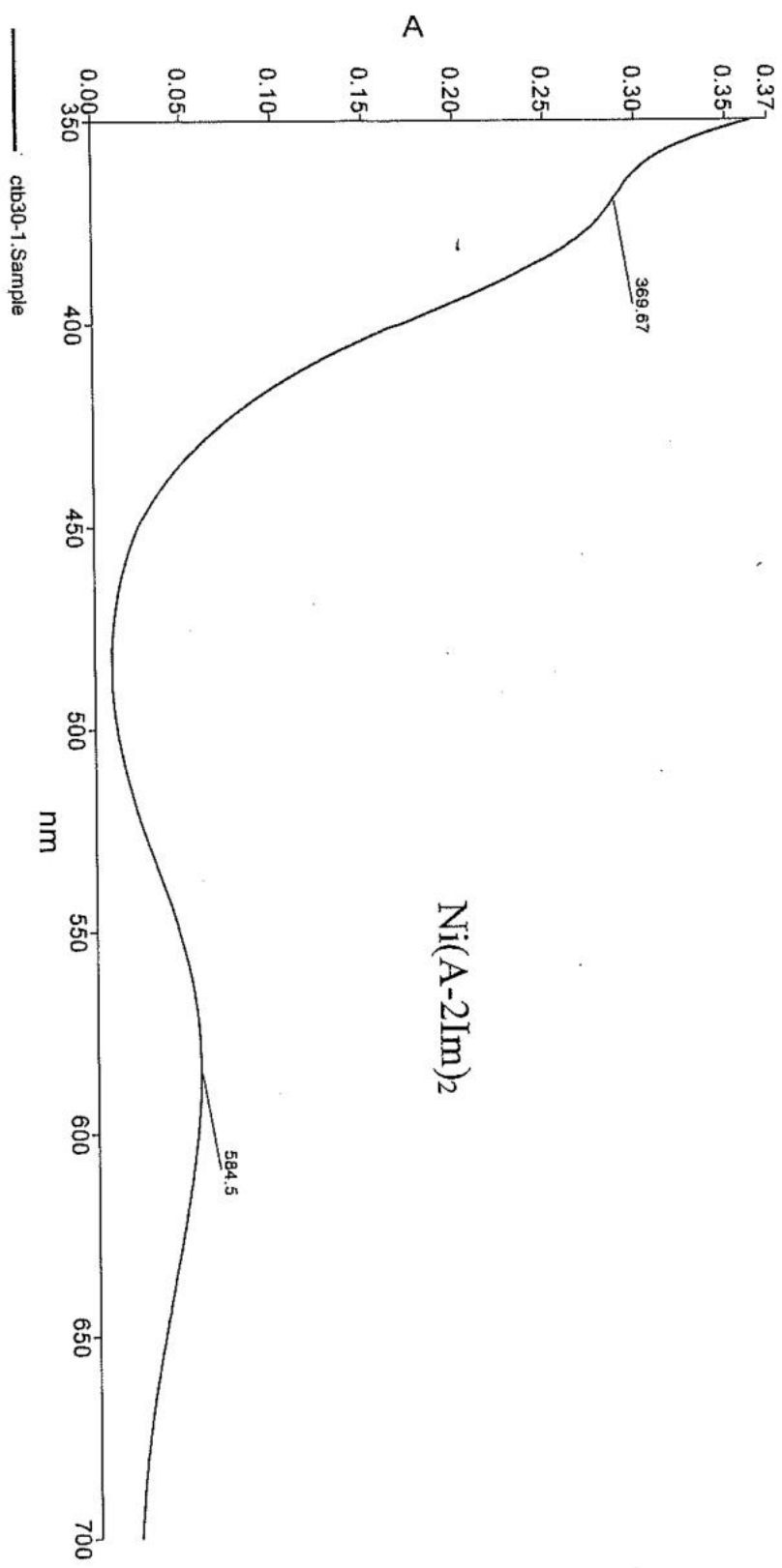
$\text{Ni}(\text{F-NMe}_2\text{Im})_2$



Analyst
Date

Administrator
Thursday, August 17, 2023 4:37 PM

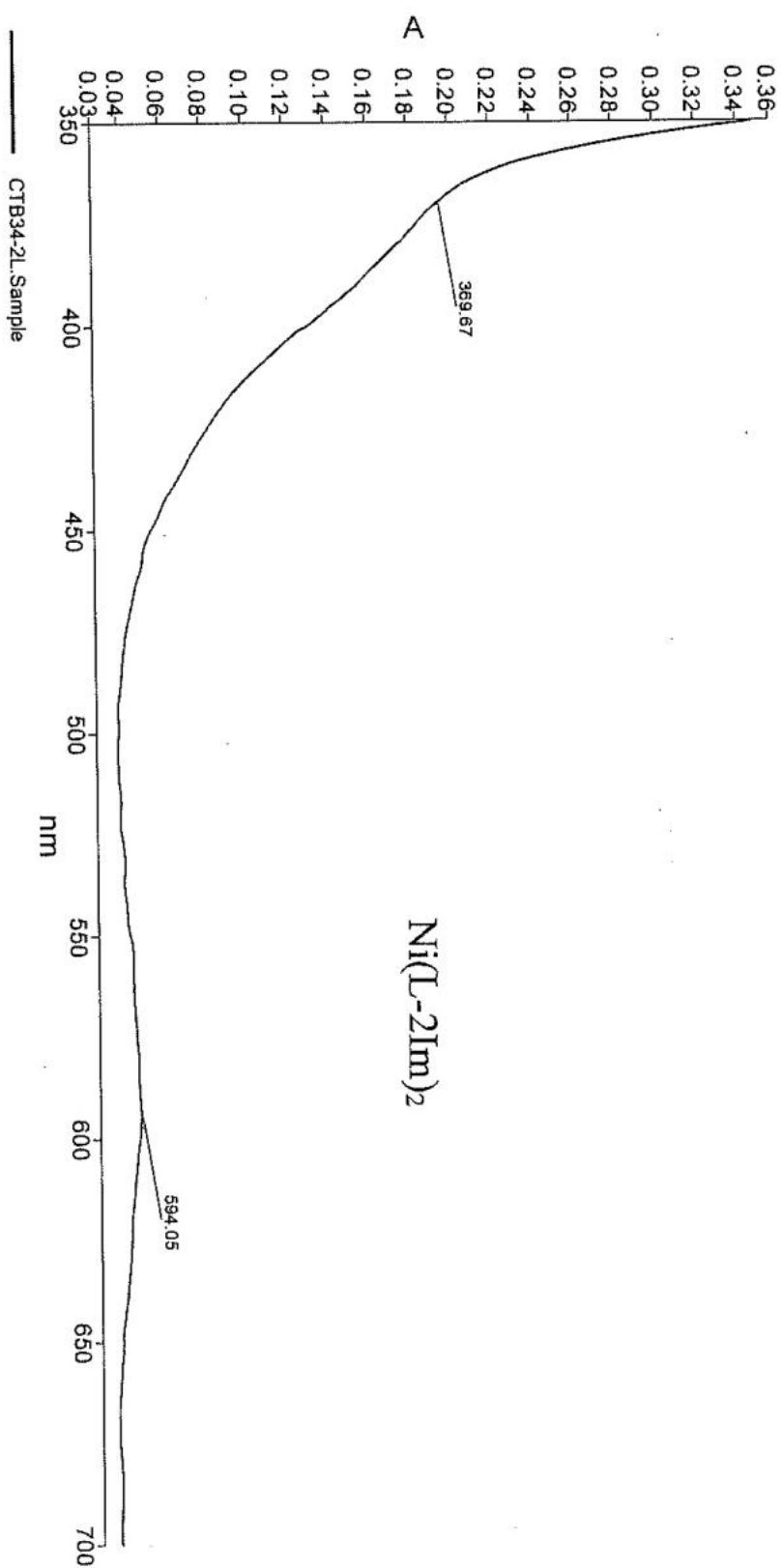
PerkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Thursday, August 17, 2023 4:37 PM



Analyst
Date

Administrator
Thursday, August 17, 2023 4:35 PM

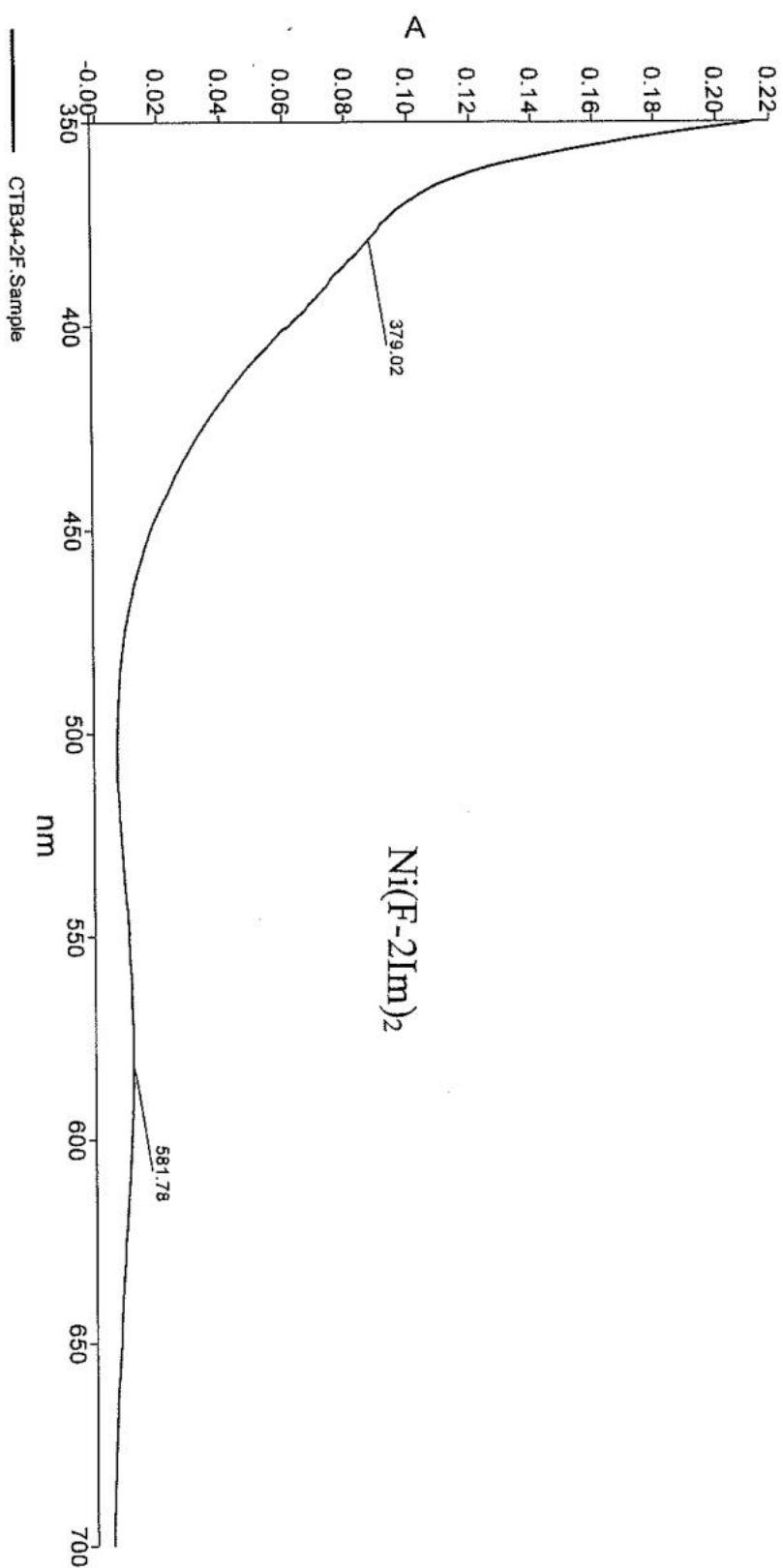
PetkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Thursday, August 17, 2023 4:35 PM



Analyst
Date

Administrator
Thursday, August 17, 2023 4:29 PM

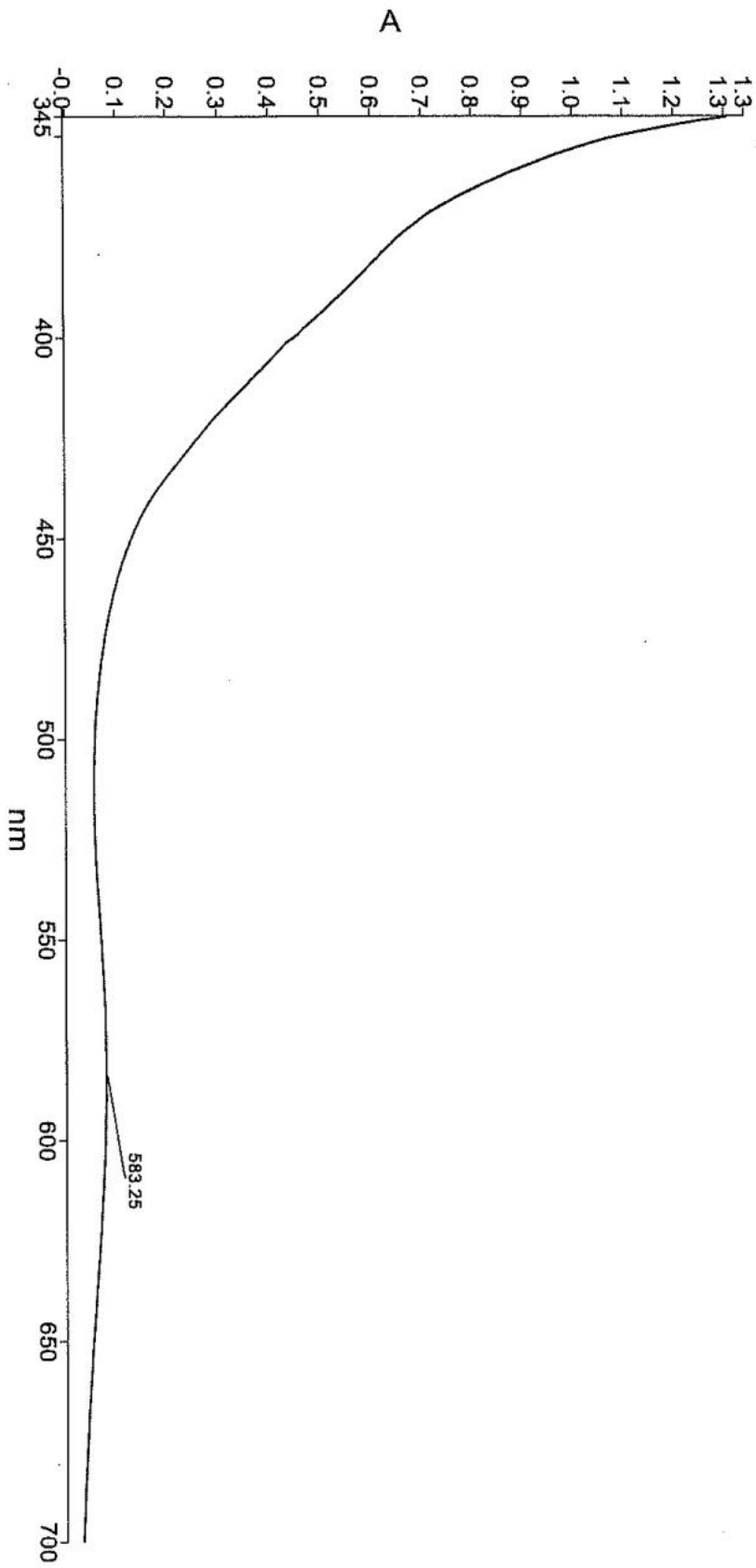
PerkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Thursday, August 17, 2023 4:29 PM



Analyst
Date

Administrator
Monday, August 28, 2023 5:22 PM

PerkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Monday, August 28, 2023 5:22 PM

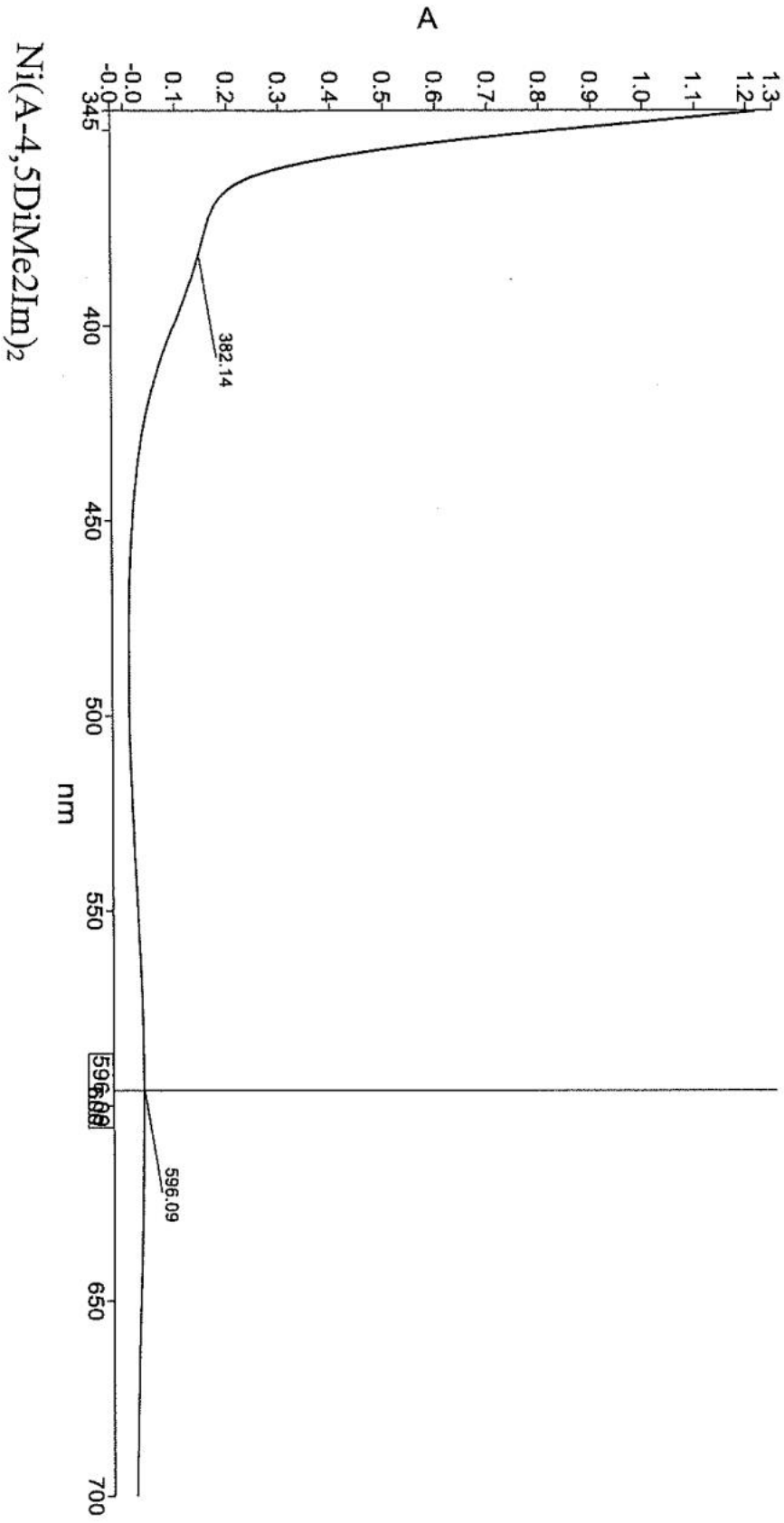


Ni(L-4Me2Im)₂

Analyst
Date

Administrator
Monday, August 28, 2023 5:12 PM

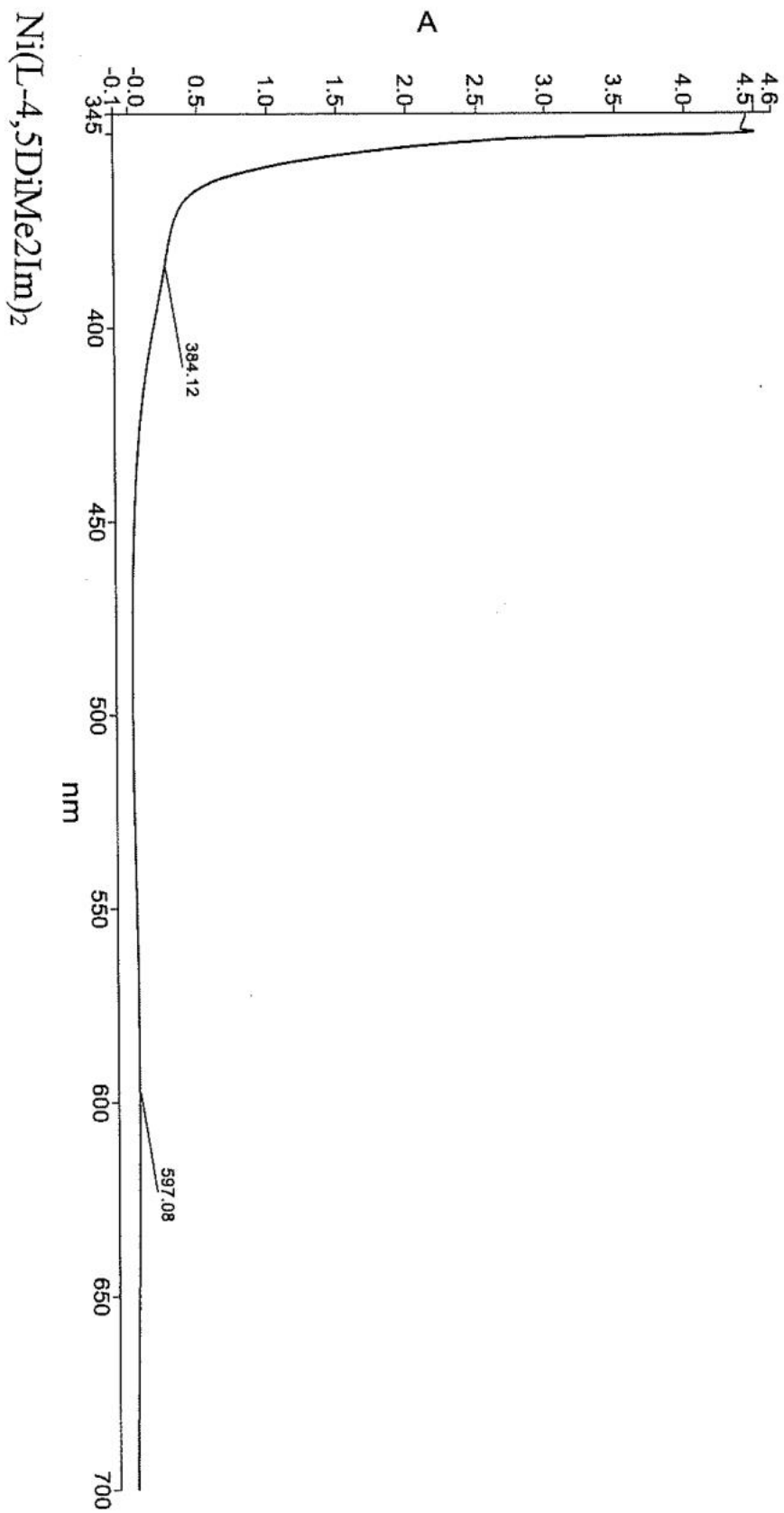
PerkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Monday, August 28, 2023 5:12 PM

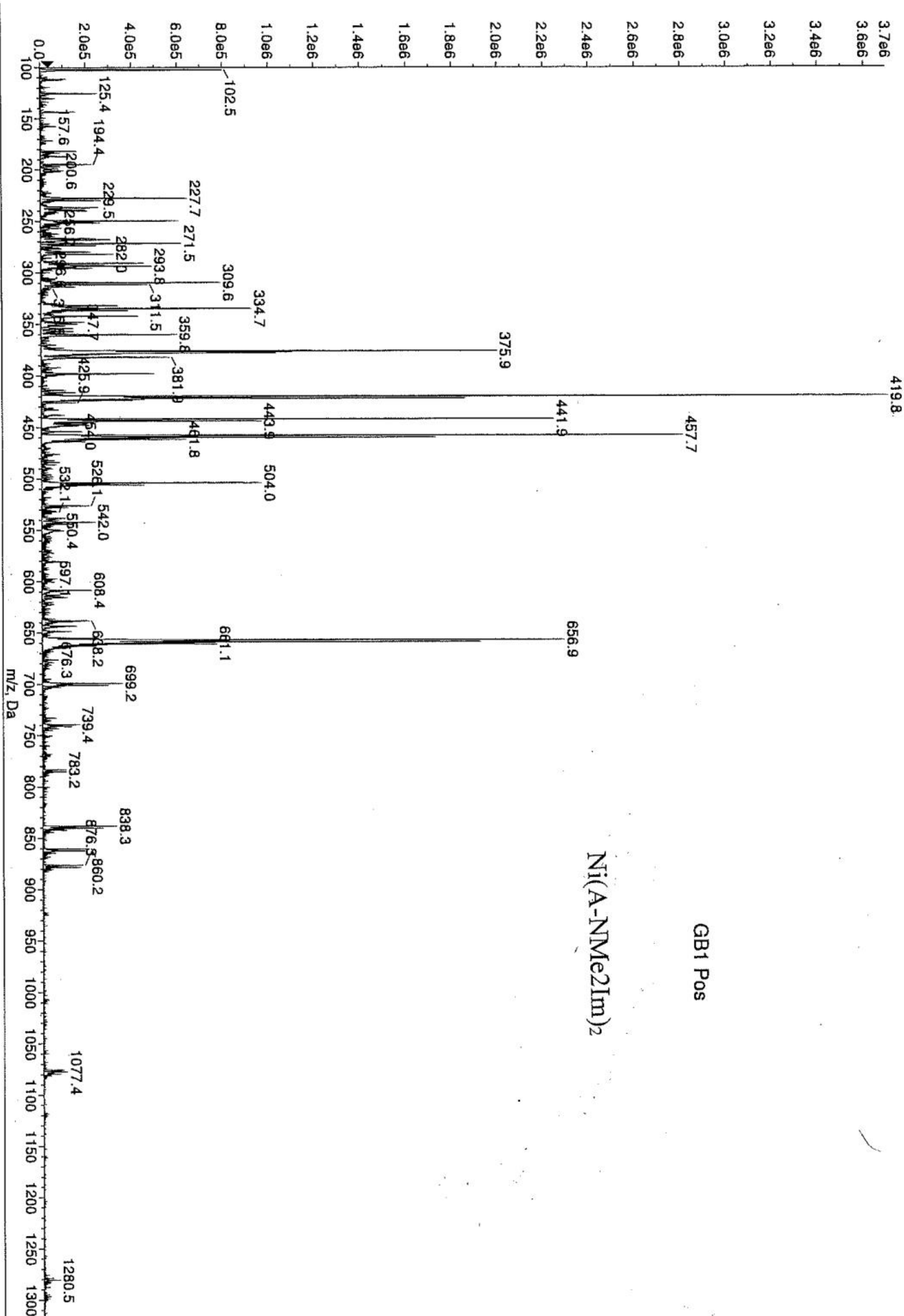


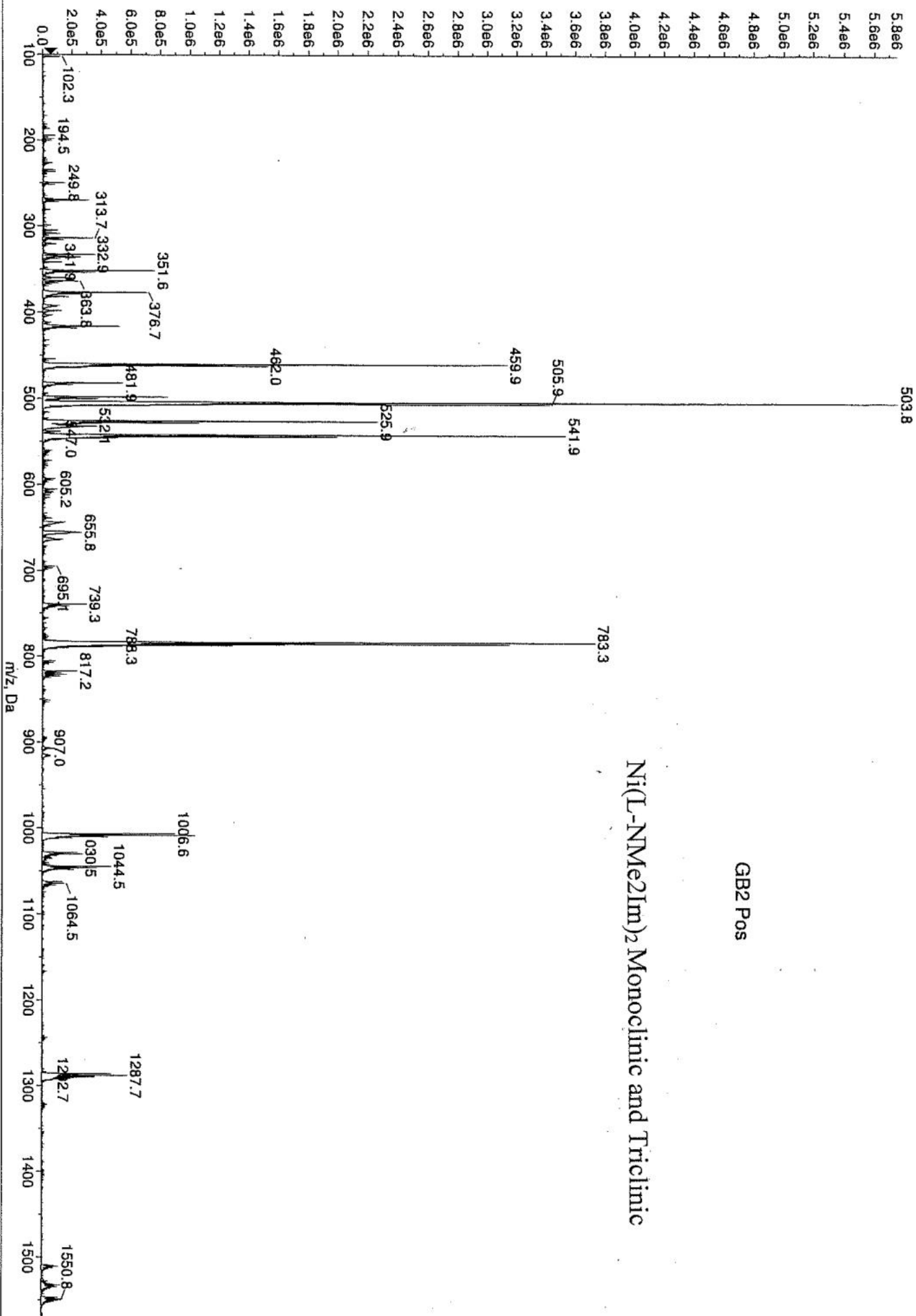
Analyst
Date

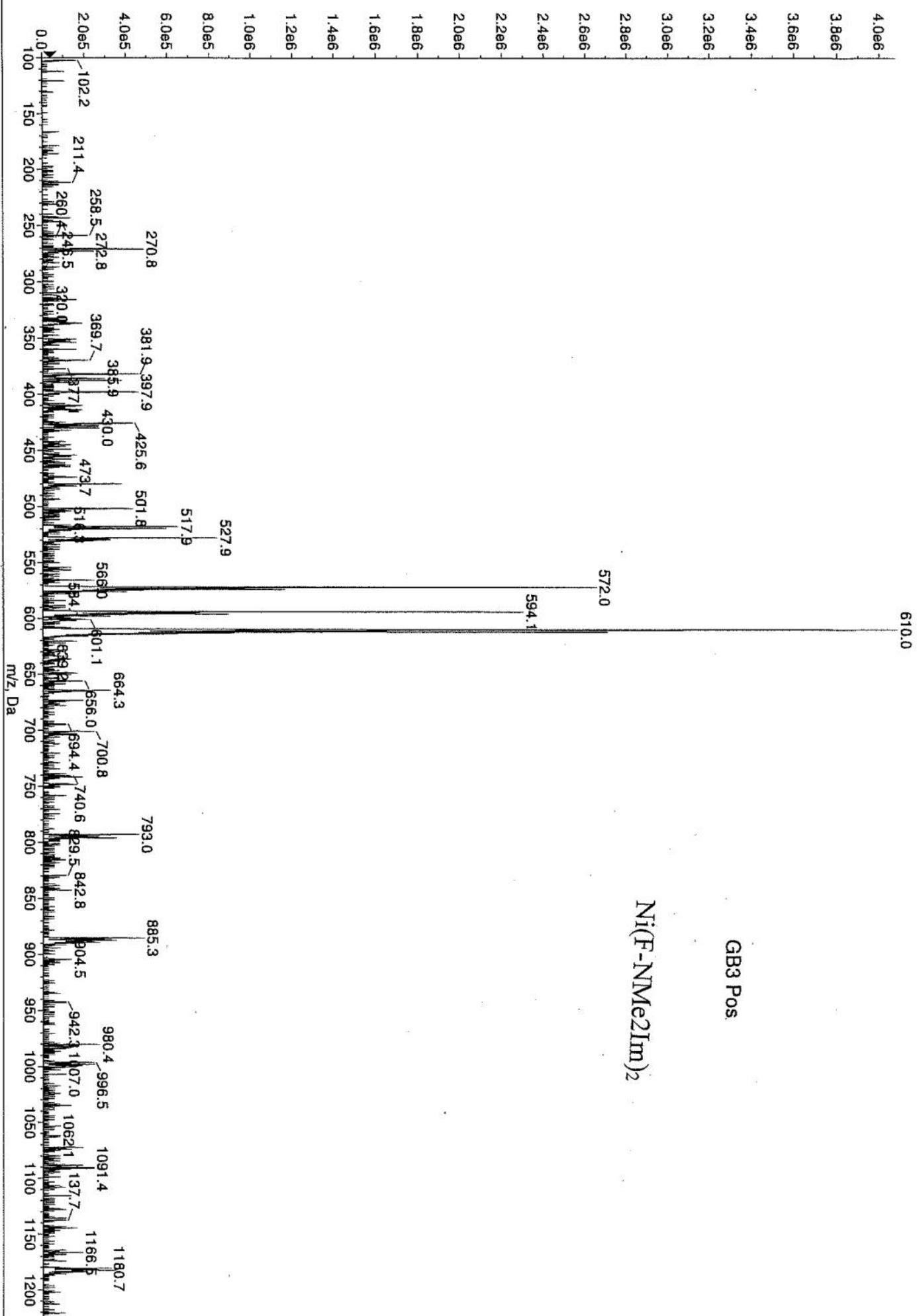
Administrator
Monday, August 28, 2023 5:20 PM

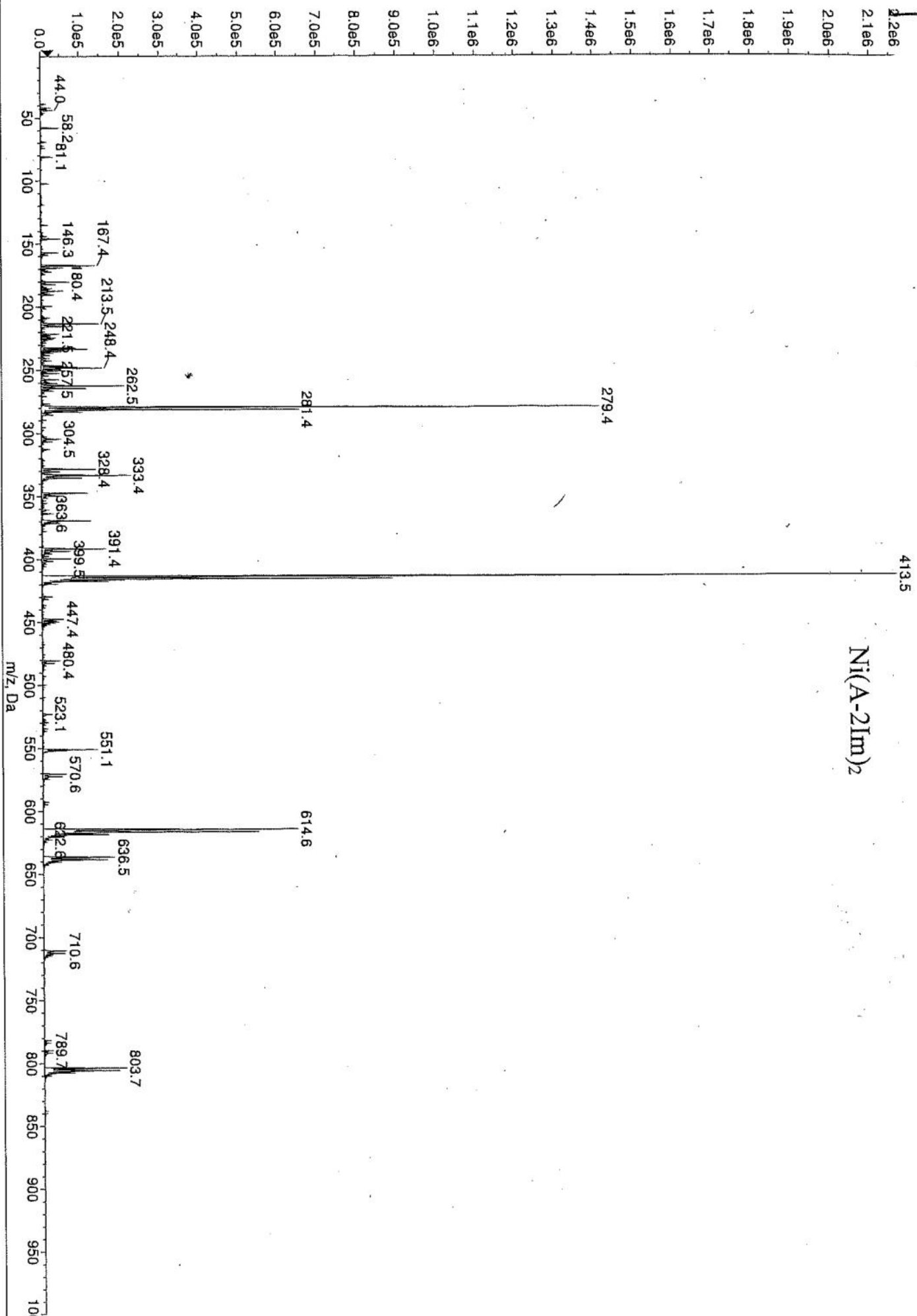
PerkinElmer UV WinLab Data Processor and Viewer Version 10.6.2
Monday, August 28, 2023 5:20 PM

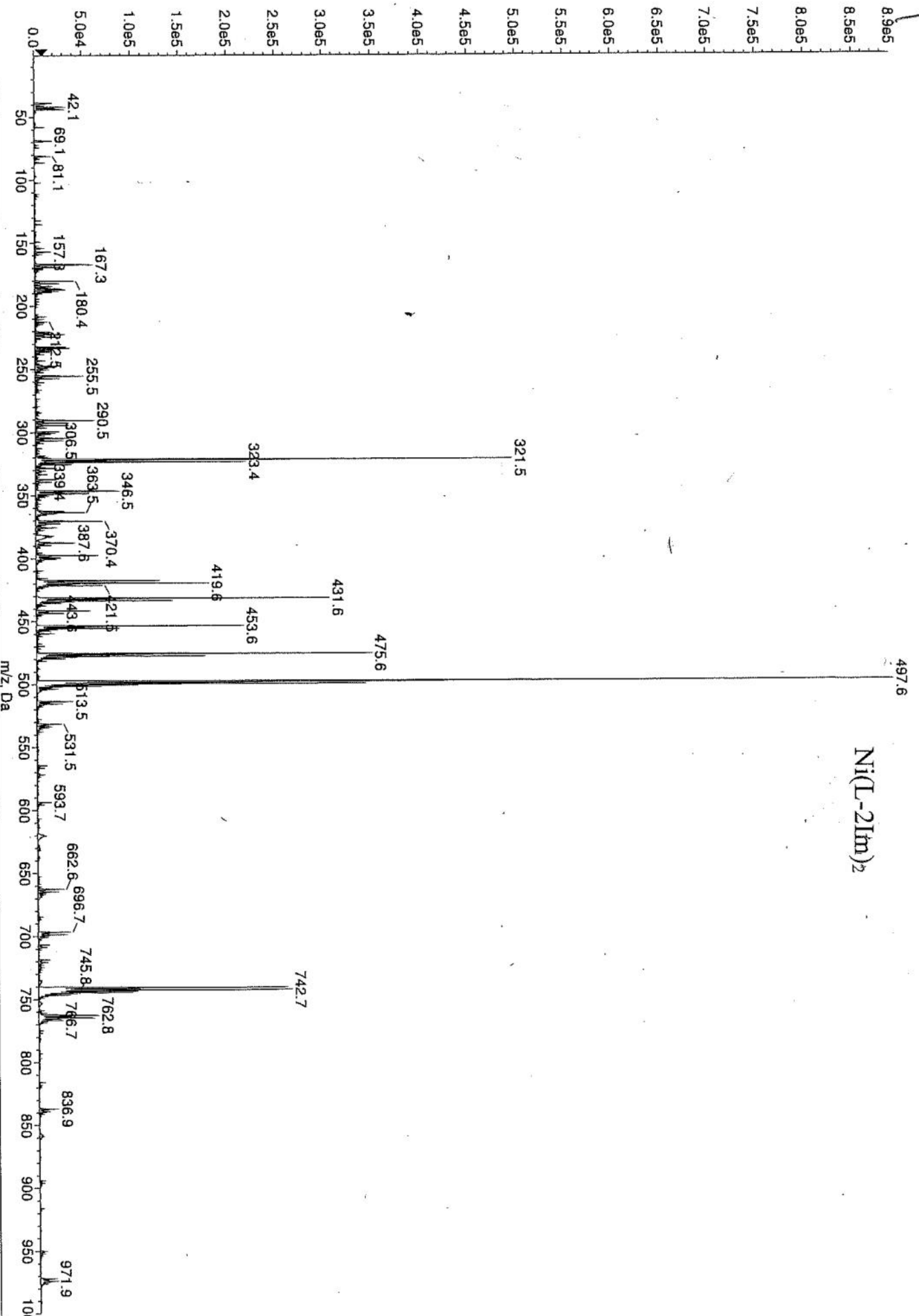




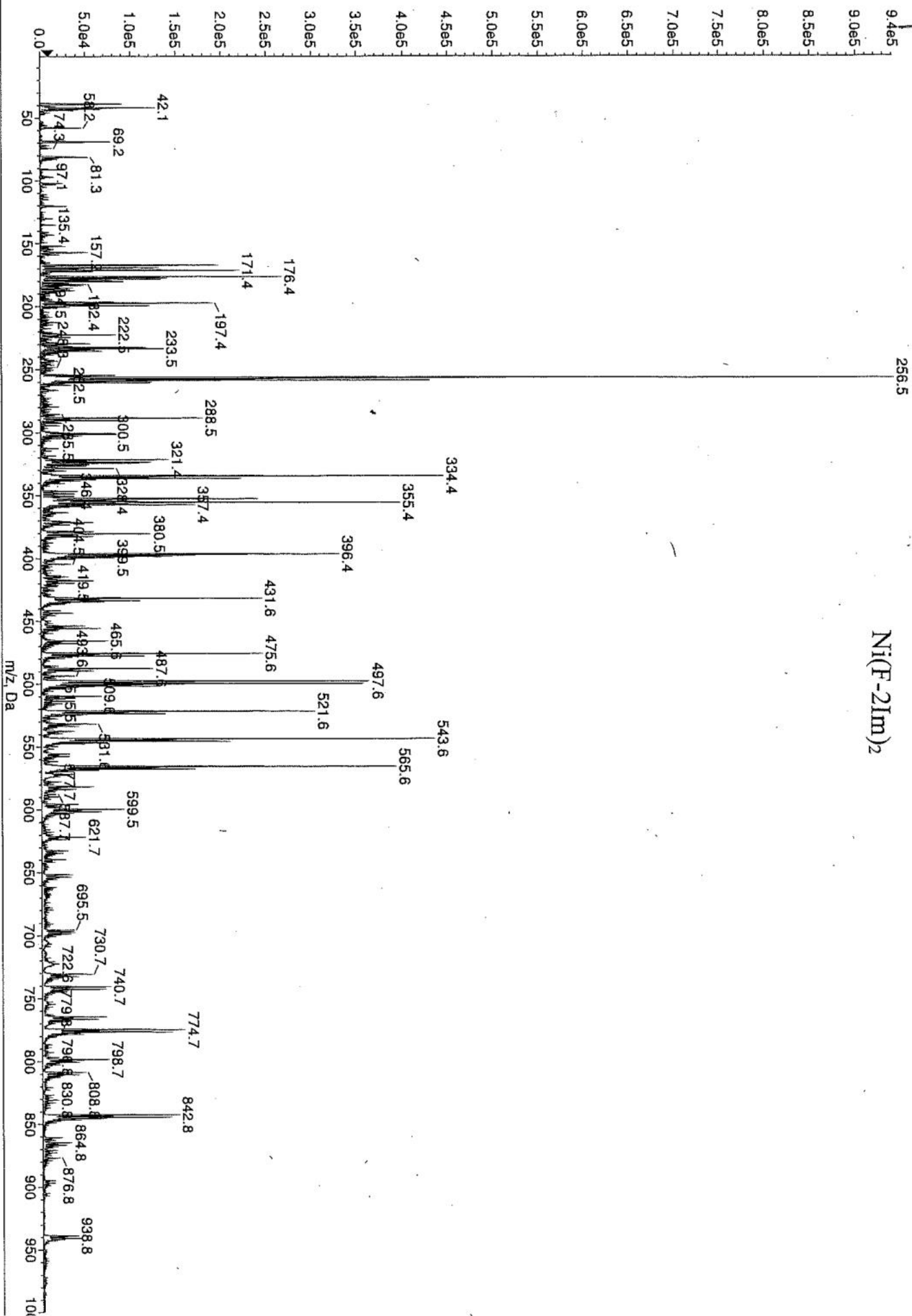




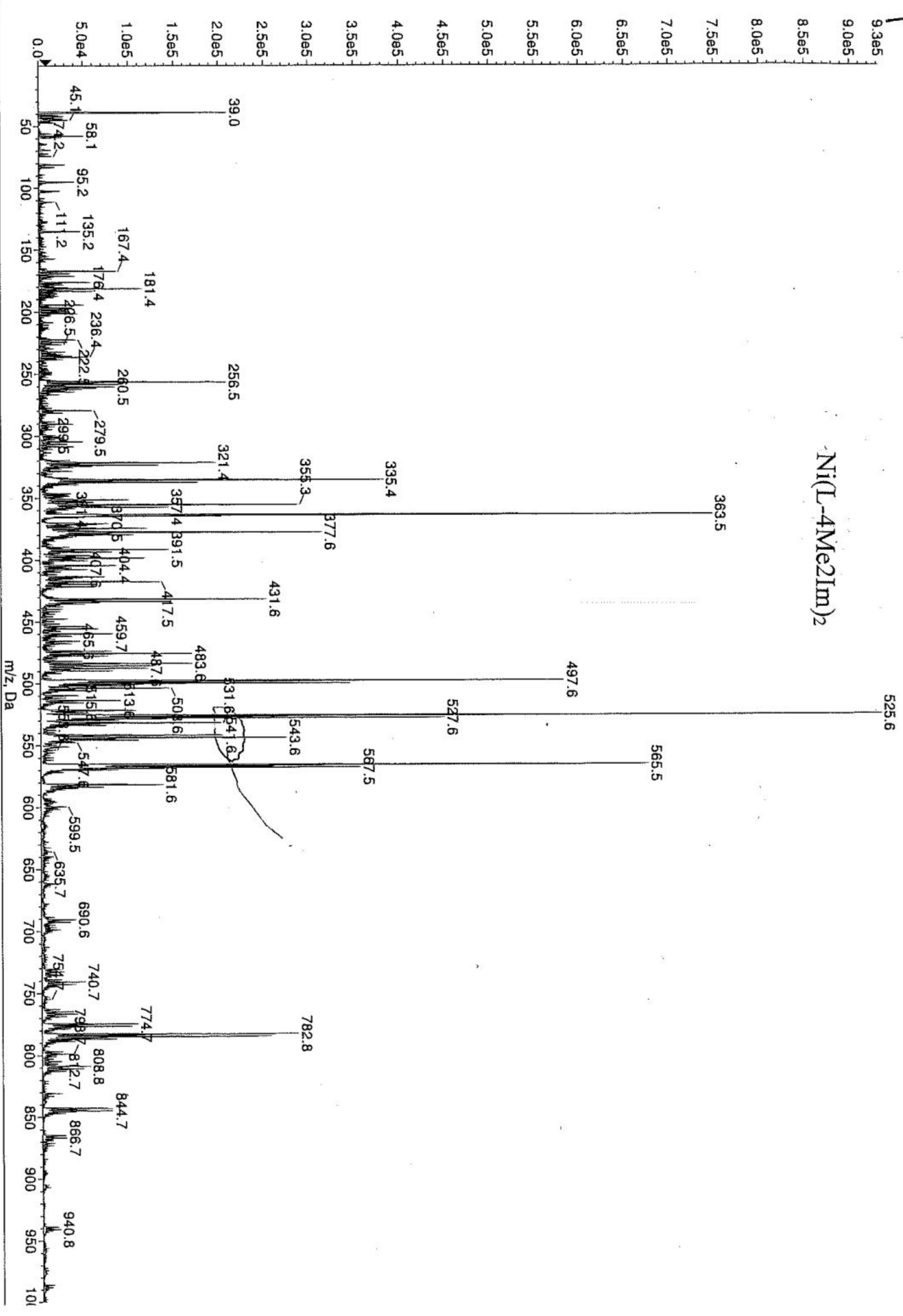


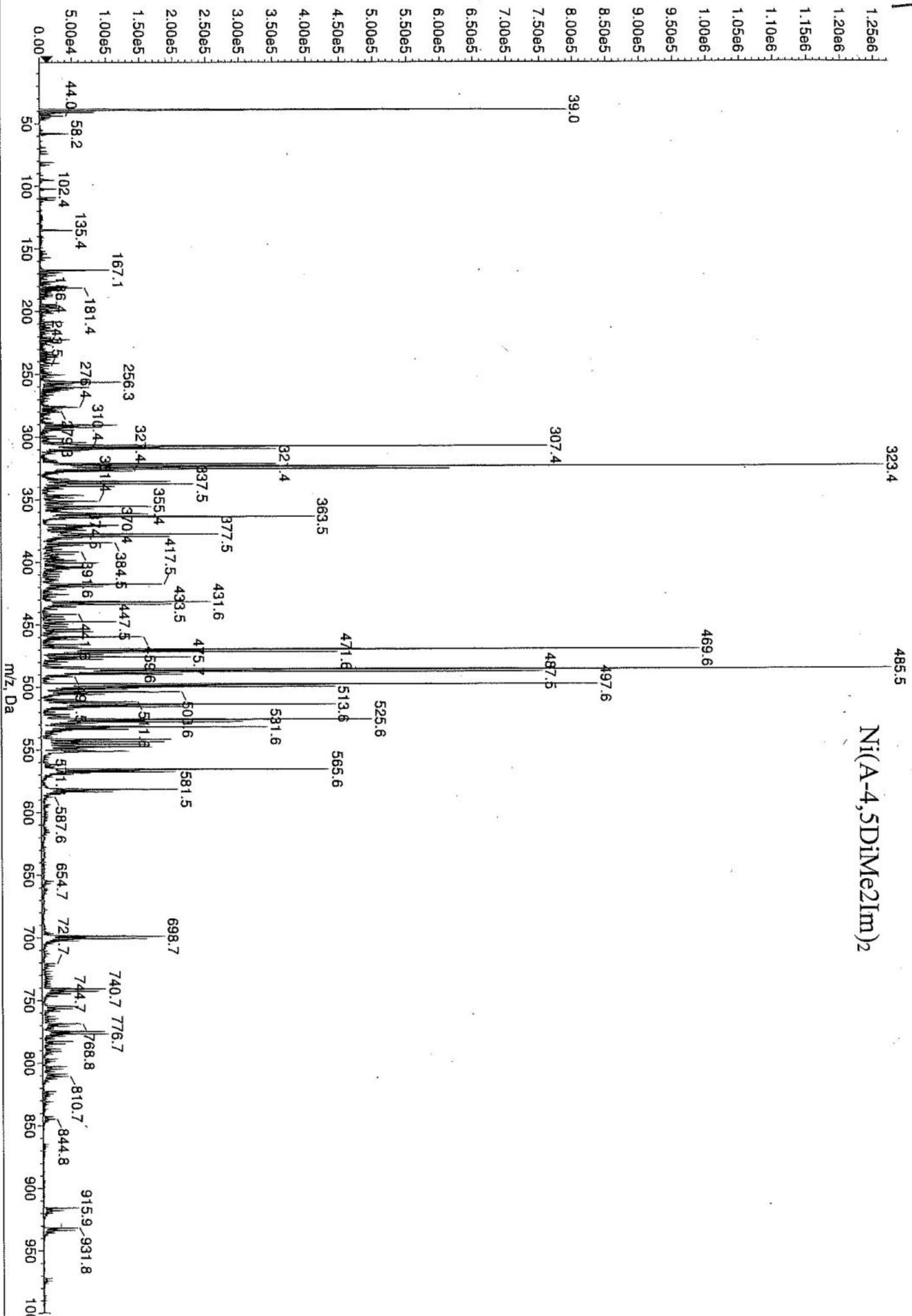


Ni(F-2Im)₂

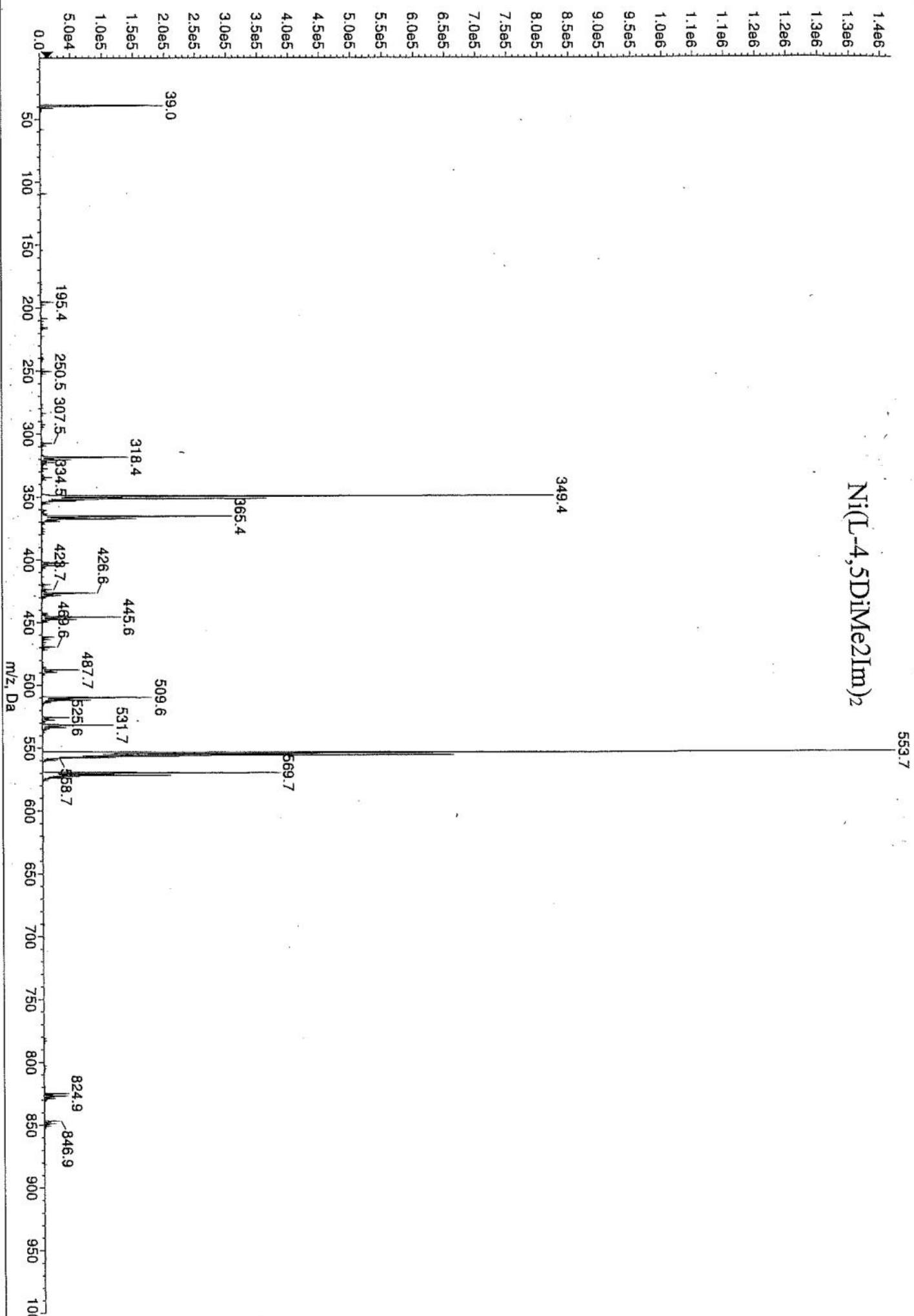


Ni(L-4Me2Im)₂





Ni(L-4,5DiMe2Im)₂



Q1: 0.603 to 2.128 min from Sample 1 (TuneSampleID) of MT20220815131209.wiff (Turbo Spray)

Max. 3.8e6 c

Ni(L-5Me3Pz)₂

