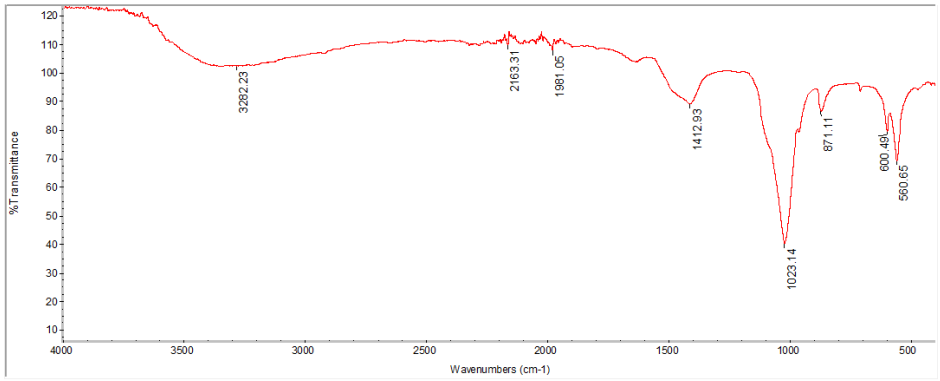
LAMPIRAN

Lampiran 1. Hasil uji karakterisasi sintesis hidroksiapatit cangkang kerang simping metode FTIR

Title: FTIR

Wed Aug 21 09:29:52 2024 (GMT+07:00)



Collection time: Wed Aug 21 09:29:06 2024 (GMT+07
Wed Aug 21 09:29:42 2024 (GMT+07:00)
FIND PEAKS:
Spectrum: FTIR
Region: 4000.00 400.00
Absolute threshold: 109.630
Sensitivity: 50
Peak list:

Position:	560.65	Intensity:	68.809
Position:	600.49	Intensity:	79.118
Position:	871.11	Intensity:	86.308
Position:	1023.14	Intensity:	39.715
Position:	1412.93	Intensity:	88.844
Position:	1981.05	Intensity:	107.509
Position:	2163.31	Intensity:	109.493
Position:	3282.23	Intensity:	102.105

Spectrum: FTIR
Region: 3495.26-455.13
Search type: Correlation
Hit List:

Index	Match	Compound name	Library
792	73.59	Crystalline calcium phosphate (Canis Vulpes)	HR Hummel Polymer and Additives
780	66.22	Ursus Spelaeus	HR Hummel Polymer and Additives
6176	61.19	Dipropyl chlorophosphate, 97%	HR Aldrich FT-IR Collection Edition II
5835	58.62	Tetramethylene sulfoxide, 96%	HR Aldrich FT-IR Collection Edition II
820	57.52	2-Butene-1,4-diol, 95%	HR Aldrich FT-IR Collection Edition II
622	53.92	Methyl alcohol, 99.9%, A.C.S. spectrophotometric grade	HR Aldrich FT-IR Collection Edition II
1892	51.61	Trimethyl phosphite	HR Hummel Polymer and Additives
1079	50.44	Pullulan P2000	HR Hummel Polymer and Additives
350	49.53	Methanol	HR Nicolet Sampler Library
1138	48.81	Hydroxyethyl-beta-cyclodextrin, ms = 1.6	HR Aldrich FT-IR Collection Edition II

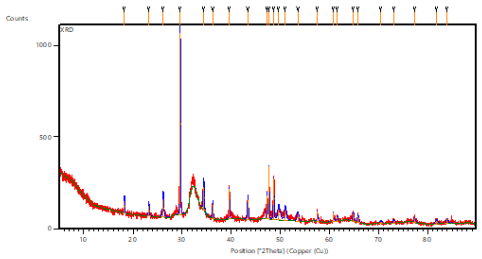
Lampiran 2. Hasil uji karakterisasi sintesis hidroksiapatit cangkang kerang simping metode XRD

This is the simple example template containing only headers for each report item and the bookmarks. The invisible bookmarks are indicated by text between brackets. Modify it according to your own needs and standards.

Measurement Conditions: (Bookmark 1)

Dataset Name	XRD
File name	D:\Pengujian XRD\2024\Agustus\Khabib-XRD\XRD.xrdml
Comment	Configuration=Reflection-Transmission Spinner, Owner=User-1, Creation date=1/15/2016 11:44:36 AM Goniometer=PW3050/60 (Theta/Theta); Minimum step size 2Theta:0.001; Minimum step size Omega:0.001 Sample stage=Reflection-Transmission Spinner PW3064/60; Minimum step size Phi:0.1 Diffractometer system=XPERT-PRO Measurement program=C:\PANalytical\Data Collector\Programs\Scan 5-90.xrdmp, Identifier={748FED38-4AEA-495D-84C0-04EBA43A401B}
Measurement Date / Time	8/21/2024 9:26:58 AM
Operator	Institut Teknologi
Raw Data Origin	XRD measurement (*.XRDML)
Scan Axis	Gonio
Start Position [°2Th.]	5.0084
End Position [°2Th.]	89.9744
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1600
Scan Type	Continuous
PSD Mode	Scanning
PSD Length [°2Th.]	2.12
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	1.0000
Specimen Length [mm]	10.00
Measurement Temperature [°C]	25.00
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	0000000011119014
Diffractometer Number	0
Goniometer Radius [mm]	240.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	No

Main Graphics, Analyze View: (Bookmark 2)



Peak List: (Bookmark 3)

Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
18.2707	69.94	0.1338	4.85576	7.05
23.2361	57.96	0.2007	3.82815	5.84
26.1291	99.48	0.2676	3.41050	10.03
29.6106	991.92	0.0836	3.01695	100.00
34.3744	128.89	0.2342	2.60897	12.99
36.2100	76.32	0.1673	2.48082	7.69
39.6043	165.07	0.1004	2.27567	16.64
43.4096	107.62	0.2007	2.08460	10.85
47.3151	132.60	0.1338	1.92124	13.37
47.6964	289.12	0.0669	1.90677	29.15
48.6724	223.97	0.1004	1.87080	22.58
49.7248	57.82	0.5353	1.83364	5.83
51.0406	57.50	0.4015	1.78942	5.80
53.5622	38.91	0.4015	1.71098	3.92
57.5780	54.33	0.1338	1.60083	5.48
60.8372	50.13	0.1004	1.52265	5.05
61.5928	25.05	0.2007	1.50577	2.53
64.8720	45.13	0.2007	1.43736	4.55
65.7978	36.92	0.2676	1.41936	3.72
70.4513	12.46	0.4015	1.33658	1.26
73.1002	13.21	0.4015	1.29455	1.33
77.3280	26.96	0.2007	1.23399	2.72
81.7664	18.11	0.5353	1.17787	1.83
83.8708	24.71	0.2007	1.15359	2.49

Pattern List: (Bookmark 4)

Document History: (Bookmark 5)

Insert Measurement:
- File name = "XRD.xrdml"
- Modification time = "8/22/2024 9:18:34 AM"
- Modification editor = "its"

Default properties:
- Measurement step axis = "None"
- Internal wavelengths used from anode material: Copper (Cu)
- Original K-Alpha1 wavelength = "1.54060"
- Used K-Alpha1 wavelength = "1.54060"
- Original K-Alpha2 wavelength = "1.54443"
- Used K-Alpha2 wavelength = "1.54443"
- Original K-Beta wavelength = "1.39225"
- Used K-Beta wavelength = "1.39225"
- Divergence slit type = "Fixed"
- Irradiated length = "10.00000"
- Fixed div. slit size = "1.00000"
- Dist. focus to div. slit = "91.00000"
- Spinner used = "No"
- Receiving slit size = "0.10000"
- Step axis value = "0.00000"
- Offset = "0.00000"
- Sample length = "10.00000"
- Modification time = "8/22/2024 9:18:34 AM"
- Modification editor = "its"

Interpolate Step Size:
- Derived = "Yes"
- Step Size = "0.01"
- Modification time = "8/22/2024 9:18:34 AM"
- Modification editor = "PANalytical"

Search Peaks:
- Minimum significance = "2"
- Minimum tip width = "0.01"
- Maximum tip width = "1"
- Peak base width = "2"
- Method = "Minimum 2nd derivative"
- Modification time = "2/20/2001 11:55:18 AM"
- Modification editor = "PANalytical"

More items… (Bookmark 6)

More items… (Bookmark 7)

More items… (Bookmark 8)

More items… (Bookmark 9)

More items… (Bookmark 10)

More items… (Bookmark 11)

More items… (Bookmark 12)

More items… (Bookmark 13)

More items… (Bookmark 14)

More items… (Bookmark 15)

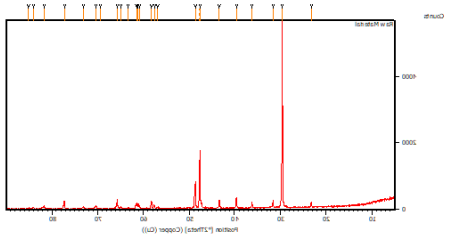
Lampiran 3. Hasil uji karakterisasi hidroksiapatit *Raw Material* metode XRD

This is the simple example template containing only headers for each report item and the bookmarks. The invisible bookmarks are indicated by text between brackets. Modify it according to your own needs and standards.

Measurement Conditions: (Bookmark 1)

Dataset Name	Raw Material
File name	E:\DATA PENGUJIAN-XRD\Pengujian 2023\Oktober\Rilo\Raw Material\Raw Material.rd
Comment	Configuration=Reflection-Transmission Sp Goniometer=PW3050/60 (Theta/Theta); Mini
Measurement Date / Time	10/23/2023 12:04:00 PM
Raw Data Origin	PHILIPS-binary (scan) (.RD)
Scan Axis	Gonio
Start Position [°2Th.]	5.0084
End Position [°2Th.]	89.9744
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1500
Scan Type	Continuous
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	1.0000
Specimen Length [mm]	10.00
Receiving Slit Size [mm]	12.7500
Measurement Temperature [°C]	-273.15
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	XPert MPD
Diffractometer Number	1
Goniometer Radius [mm]	200.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	Yes

Main Graphics, Analyze View: (Bookmark 2)



Peak List: (Bookmark 3)

Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
25.3068	145.93	0.2007	3.83292	2.61
29.3585	5581.16	0.1673	3.03415	100.00
31.7581	229.92	0.0669	2.83595	4.07
36.1715	163.37	0.1673	2.48337	2.93
39.5557	277.36	0.0669	2.27835	4.97
43.3756	223.35	0.1338	2.08629	4.00
47.6161	1729.41	0.1224	1.90822	30.99
47.7472	1098.41	0.1224	1.90802	19.68
48.6456	780.88	0.1020	1.87022	13.99
50.7932	30.24	0.3264	1.81073	0.54
57.5082	96.65	0.1632	1.59976	1.73
58.1807	187.44	0.1224	1.58422	3.36
60.8189	82.13	0.1224	1.52180	1.47
61.1173	138.74	0.1224	1.51508	2.49
61.4751	170.27	0.1224	1.50712	3.05
63.2716	22.29	0.4080	1.46839	0.40
64.9085	48.66	0.3264	1.43543	0.87
65.6664	238.06	0.2040	1.42070	4.23
69.4035	15.48	0.4896	1.35305	0.28
70.3652	86.54	0.1632	1.33890	1.55
73.0339	76.47	0.1632	1.29418	1.37
77.2586	204.22	0.1632	1.23390	3.66
81.6614	87.73	0.1632	1.17814	1.57
83.9570	32.09	0.3264	1.15167	0.58
85.0772	15.33	0.4896	1.13935	0.27

Pattern List: (Bookmark 4)

Document History: (Bookmark 5)

Insert Measurement:
- File name = Raw Material.rd
- Modification time = "10/23/2023 2:26:03 PM"
- Modification editor = "Teknik Material"

Interpolate Step Size:
- Derived = "Yes"
- Step Size = "0.01"
- Modification time = "10/23/2023 2:26:03 PM"
- Modification editor = "PANalytical"

Search Peaks:
- Minimum significance = "2"
- Minimum tip width = "0.02"
- Maximum tip width = "1.5"
- Peak base width = "2"
- Method = "Minimum 2nd derivative"
- Modification time = "7/21/2023 9:24:35 AM"
- Modification editor = "Teknik Material"

More items… (Bookmark 6)

More items… (Bookmark 7)

More items… (Bookmark 8)

More items… (Bookmark 9)

More items… (Bookmark 10)

More items… (Bookmark 11)

More items… (Bookmark 12)

More items… (Bookmark 13)

More items… (Bookmark 14)

More items… (Bookmark 15)

Lampiran 4. Hasil uji karakterisasi hidroksiapatit *Raw Material* metode FTIR

Report

Filename	Rilo_Raw-Material_1
Analyst	Administrator
Description	Sample Raw Material By Administrator Date Tuesday, November 28 2023

Sample Details

Creation Date	11/28/2023 3:59:09 PM
X-Axis Units	cm-1
X-Axis start value	4000
X-Axis end value	600
Data interval	-1
Number of points	3401
Y-Axis Units	%T

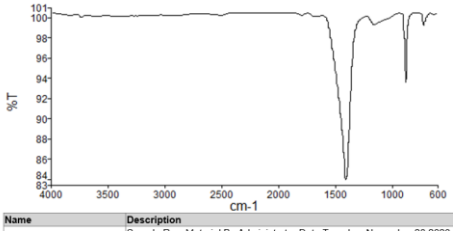
Instrument

Instrument Model	Frontier FT-IR
Instrument Serial Number	96681
Software Revision	CPU32 Main 00.09.9951 07-September-2011 11:49:41
Number of Scans	4
Resolution	4

History

Who	What	When	Parameters	Comment
Administrator	Created as New Dataset	11/28/2023 3:59:09 PM		Sample Raw Material By Administrator Date Tuesday, November 28 2023
Administrator	Atmospheric Correction	11/28/2023 3:59:09 PM		
Administrator	DataTuneUp	11/28/2023 3:59:17 PM	"Rilo_Raw-Material", "AutoSmooth", "AutoFlatZ", "4000", "600"	
Administrator	Smooth	11/28/2023 3:59:23 PM	"Rilo_Raw-Material_1", 35.00, 1, "Result.sp"	

Spectrum Graph



Name	Description
Rilo_Raw-Material_1	Sample Raw Material By Administrator Date Tuesday, November 28 2023

Summary

Sample Name	Description	Saved or unsaved State	Quality
Rilo_Raw-Material_1	Sample Raw Material By Administrator Date Tuesday, November 28 2023		The Quality Checks give rise to a Weak Bands warning for the sample.

Peak Table Results

SpectrumName
Rilo_Raw-Material_1

PeakName	X	Y
2	874.71	93.61
1	1401.46	83.87

Lampiran 5. Hasil uji karakterisasi hidroksiapatit PT. Phapros Metode FTIR

Lab. Terpadu UNDIP

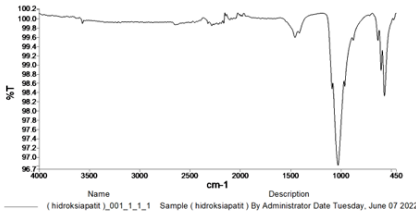
PerkinElmer Spectrum IR 10.6.1

June 7, 2022 1:38

Sample Details

Filename	E:\Report Hasil analisis\2022\Juni 2022\SP-2022-0965\(hidroksiapatit)_001_1_1_1.sp
Creation Date	6/7/2022 11:09:17 AM
Analyst	Administrator
X-Axis Units	cm-1
X-Axis start value	4000
X-Axis end value	450
Data interval	-1
Number of points	3551
Y-Axis Units	%T
Description	Sample (hidroksiapatit) By Administrator Date Tuesday, June 07 2022

Spectrum



Summary

Sample Name	Description	Saved or unsaved State	Spectrum quality check summary
(hidroksiapatit)_001_1_1_1	Sample (hidroksiapatit) By Administrator Date Tuesday, June 07 2022	Saved	The Quality Checks give rise to a Weak Bands warning for the sample.

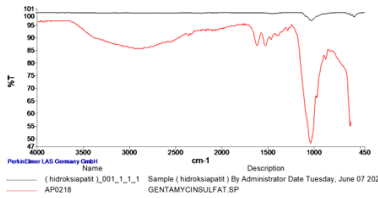
Search Results

Result Spectrum

Lab. Terpadu UNDIP

PerkinElmer Spectrum IR 10.6.1

June 7, 2022 1:38



Search Summary

Sample Name	Search Best Hit Description	Search Best Hit
(hidroksiapatit)_001_1_1_1	GENTAMYCINSULFAT.SP	AP0218

Search Details

Search Score	Search Reference Spectrum Description
0.840974	GENTAMYCINSULFAT.SP
0.823753	GENTAMICINSULFAT.SP
0.795489	HERBA ARTEMISIAE CONC.SP
0.789938	FLORES VERBASCI TOT.SP
0.767724	RADIX CARLINAE CONC.SP
0.765176	HERBA ABSINTHII CONC.SP
0.758261	CHONDROITINSULFAT, NATRIUMSALZ.SP
0.746934	TEUFELSKRALLENWURZEL.SP
0.744482	TEUFELSKRALLENWURZEL-TROCKENEXTRAKT.SP
0.740086	FRUCTUS MYRTILLI TOT.SP

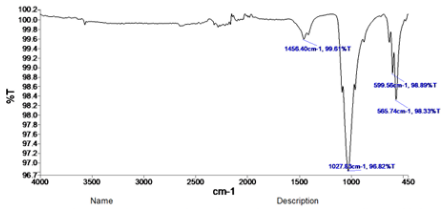
Lab. Terpadu UNDIP

PerkinElmer Spectrum IR 10.6.1

June 7, 2022 1:38

Peak Table Results

Result Spectrum

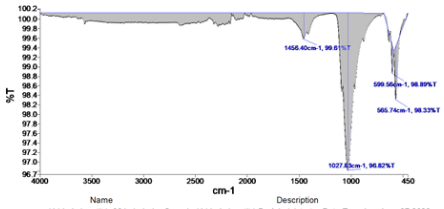


Peak Table

Peak Number	X (cm-1)	Y (%T)
1	1456.40	99.61
2	1027.83	96.82
3	599.56	98.89
4	565.74	98.33

Peak Area/Height Results

Result Spectrum



Peak Area/Height Table

Peak Number	Area (%T)	Height (%T)	Start	End	Base1
1	-430.99	-0.53	4000	1179.97	4000
2	-441.55	-3.32	1179.97	685.71	1179.97
3	-3.11	-0.54	685.71	587.29	685.71

Lab. Terpadu UNDIP

PerkinElmer Spectrum IR 10.6.1

June 7, 2022 1:38

Peak Number	Area (%T)	Height (%T)	Start	End	Base1
4	-29.58	-1.12	587.29	450	587.29

Peak Area/Height Table

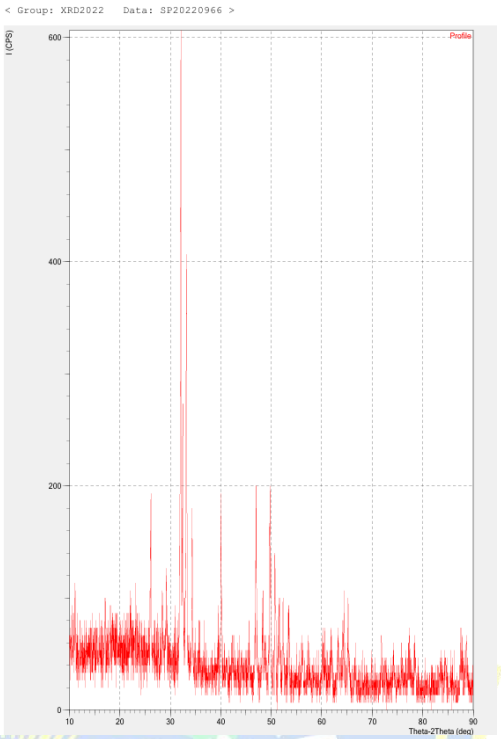
Base1 Left	Base1 Right	Base2	Base2 Left	Base2 Right	X (cm-1)
4000	3999	1179.97	1180.97	1178.97	1456.4
1180.97	1178.97	685.71	686.71	684.71	1027.83
686.71	684.71	587.29	588.29	586.29	599.56
588.29	586.29	451	451	450	565.74

Peak Area/Height Table

Y (%T)
99.61
96.82
98.89
98.33

Lampiran 6. Hasil uji karakterisasi sintesis hidroksiapatit PT. Phapros metode XRD

```
        ***  Basic Data Process  ***

Group      : XRD2022
Data       : SP20220966

        ***  Basic Data Process  ***

# Data Infomation
        Group               : XRD2022
        Data                : SP20220966
        Sample Nmae         : Powder
        Comment             : Hidroksiapatik
        Date & Time         : 06-08-22 09:58:04

# Measurement Condition
   X-ray tube
        target              : Cu
        voltage             : 30.0 (kV)
        current             : 30.0 (mA)
   Slits
        Auto Slit           : not Used
        divergence slit     :   1.00000 (deg)
        scatter slit        :   1.00000 (deg)
        receiving slit      :   0.15000(mm)
   Scanning
        drive axis          : Theta-2Theta
        scan range          :   10.0000 - 90.0000 (deg)
        scan mode           : Continuous Scan
        scan speed          :    4.0000 (deg/min)
        sampling pitch      :    0.0200 (deg)
        preset time         :    0.30 (sec)

# Data Process Condition
   Smoothing                [ AUTO ]
        smoothing points    : 0
   B.G.Subtruction          [ AUTO ]
        sampling points     : 0
        repeat times        : 0
   Ka1-a2 Separate          [ MANUAL ]
        Ka1 a2 ratio        : 50 (%)
   Peak Search              [ AUTO ]
        differential points : 0
        FWHM threhold       : 0.000 (deg)
        intensity threhold  : 0 (par mil)
        FWHM ratio  (n-1)/n : 0
   System error Correction  [ YES ]
   Precise peak Correction  [ YES ]
        Y = b**X + c*X + d
            b               : 0.000000
            c               : 0.000000
            d               : 0.000000
```



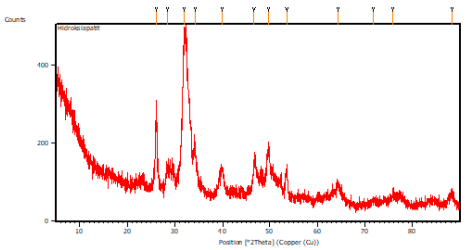
Lampiran 7. Hasil uji karakterisasi sintesis hidroksiapatit peneliti sebelumnya metode XRD

This is the simple example template containing only headers for each report item and the bookmarks. The invisible bookmarks are indicated by text between brackets.
Modify it according to your own needs and standards.

Measurement Conditions: (Bookmark 1)

Dataset Name	Hidroksiapatit
File name	E:\DATA PENGUJIAN-XRD\Pengujian 2023\Oktober\Rilo\Hidroksiapatit\Hidroksiapatit.xrdml
Comment	Configuration=Reflection-Transmission Spinner, Owner=User-1, Creation date=1/15/2016 11:44:36 AM Goniometer=PW3050/60 (Theta/Theta); Minimum step size 2Theta:0.001; Minimum step size Omega:0.001 Sample stage=Reflection-Transmission Spinner PW3064/60; Minimum step size Phi:0.1 Diffractometer system=XPERT-PRO Measurement program=C:\PANalytical\Data Collector\Programs\Scan 5-90_spin4.xrdmp, Identifier={EA1354A2-691F-46A9-86C1-7E2BBEEF477A}
Measurement Date / Time	10/23/2023 12:20:55 PM
Operator	Institut Teknologi
Raw Data Origin	XRD measurement (*.XRDML)
Scan Axis	Gonio
Start Position [°2Th.]	5.0084
End Position [°2Th.]	89.9744
Step Size [°2Th.]	0.0170
Scan Step Time [s]	10.1600
Scan Type	Continuous
PSD Mode	Scanning
PSD Length [°2Th.]	2.12
Offset [°2Th.]	0.0000
Divergence Slit Type	Fixed
Divergence Slit Size [°]	1.0000
Specimen Length [mm]	10.00
Measurement Temperature [°C]	25.00
Anode Material	Cu
K-Alpha1 [Å]	1.54060
K-Alpha2 [Å]	1.54443
K-Beta [Å]	1.39225
K-A2 / K-A1 Ratio	0.50000
Generator Settings	30 mA, 40 kV
Diffractometer Type	0000000011119014
Diffractometer Number	0
Goniometer Radius [mm]	240.00
Dist. Focus-Diverg. Slit [mm]	91.00
Incident Beam Monochromator	No
Spinning	Yes

Main Graphics, Analyze View: (Bookmark 2)



Peak List: (Bookmark 3)

Pos. [°2Th.]	Height [cts]	FWHM Left [°2Th.]	d-spacing [Å]	Rel. Int. [%]
26.0977	211.44	0.1673	3.41453	60.49
28.3473	35.85	0.4015	3.14846	10.26
31.8831	349.56	0.4015	2.80692	100.00
34.1827	99.69	0.2676	2.62316	28.52
39.9349	58.43	1.0706	2.25759	16.72
46.7001	58.57	0.4015	1.94510	16.75
49.7669	72.83	0.6022	1.83219	20.83
53.4947	66.09	0.3346	1.71298	18.91
64.2719	34.88	0.5353	1.44932	9.98
71.6779	7.59	0.9368	1.31670	2.17
75.8814	12.44	0.8029	1.25387	3.56
88.2203	25.79	0.6691	1.10760	7.38

Pattern List: (Bookmark 4)

Document History: (Bookmark 5)

Insert Measurement:
- File name = "Hidroksiapatit.xrdml"
- Modification time = "10/23/2023 2:24:03 PM"
- Modification editor = "Teknik Material"

Default properties:
- Measurement step axis = "None"
- Internal wavelengths used from anode material: Copper (Cu)
- Original K-Alpha1 wavelength = "1.54060"
- Used K-Alpha1 wavelength = "1.54060"
- Original K-Alpha2 wavelength = "1.54443"
- Used K-Alpha2 wavelength = "1.54443"
- Original K-Beta wavelength = "1.39225"
- Used K-Beta wavelength = "1.39225"
- Divergence slit type = "Fixed"
- Irradiated length = "10.00000"
- Fixed div. slit size = "1.00000"
- Dist. focus to div. slit = "91.00000"
- Receiving slit size = "0.10000"
- Step axis value = "0.00000"
- Offset = "0.00000"
- Sample length = "10.00000"
- Modification time = "10/23/2023 2:24:03 PM"
- Modification editor = "Teknik Material"

Interpolate Step Size:
- Derived = "Yes"
- Step Size = "0.01"
- Modification time = "10/23/2023 2:24:03 PM"
- Modification editor = "PANalytical"

Search Peaks:
- Minimum significance = "2"
- Minimum tip width = "0.02"
- Maximum tip width = "1.5"
- Peak base width = "2"
- Method = "Minimum 2nd derivative"
- Modification time = "7/21/2023 9:24:35 AM"
- Modification editor = "Teknik Material"

More items… (Bookmark 6)

More items… (Bookmark 7)

More items… (Bookmark 8)

More items… (Bookmark 9)

More items… (Bookmark 10)

More items… (Bookmark 11)

More items… (Bookmark 12)

More items… (Bookmark 13)

More items… (Bookmark 14)

More items… (Bookmark 15)

Lampiran 8. Hasil uji karakterisasi sintesis hidroksiapatit peneliti sebelumnya metode FTIR

PerkinElmer Spectrum Version 10.03.06
Tuesday, November 28, 2023 4:18 PM

Report

Filename	Rilo_Hidroksiapatit_1
Analyst	Administrator
Description	Sample Hidroksiapatit By Administrator Date Tuesday, November 28 2023

Sample Details

Creation Date	11/28/2023 4:14:59 PM
X-Axis Units	cm-1
X-Axis start value	4000
X-Axis end value	600
Data interval	-1
Number of points	3401
Y-Axis Units	%T

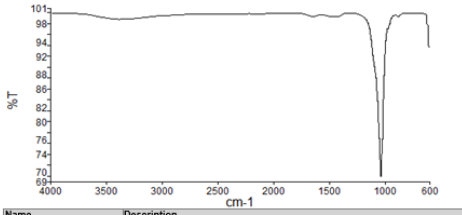
Instrument

Instrument Model	Frontier FT-IR
Instrument Serial Number	96681
Software Revision	CPU32 Main 00.09.9951 07-September-2011 11:49:41
Number of Scans	4
Resolution	4

History

Who	What	When	Parameters	Comment
Administrator	Created as New Dataset	11/28/2023 4:14:59 PM		Sample Hidroksiapatit By Administrator Date Tuesday, November 28 2023
Administrator	Atmospheric Correction	11/28/2023 4:14:59 PM		
Administrator	DataTuneUp	11/28/2023 4:15:12 PM	"Rilo_Hidroksiapatit", "AutoSmooth", "AutoFlat2", "4000", "600"	
Administrator	Smooth	11/28/2023 4:15:17 PM	"Rilo_Hidroksiapatit_1", 35.00, 1, "Result.sp"	

Spectrum Graph



Name	Description
Rilo_Hidroksiapatit_1	Sample Hidroksiapatit By Administrator Date Tuesday, November 28 2023

Summary

Sample Name	Description	Saved or unsaved State	Quality
Rilo_Hidroksiapatit_1	Sample Hidroksiapatit By Administrator Date Tuesday, November 28 2023		The Quality Checks give rise to a Weak Bands warning for the sample.

Peak Table Results

SpectrumName
Rilo_Hidroksiapatit_1

PeakName	X	Y
1	1029.54	69.77

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