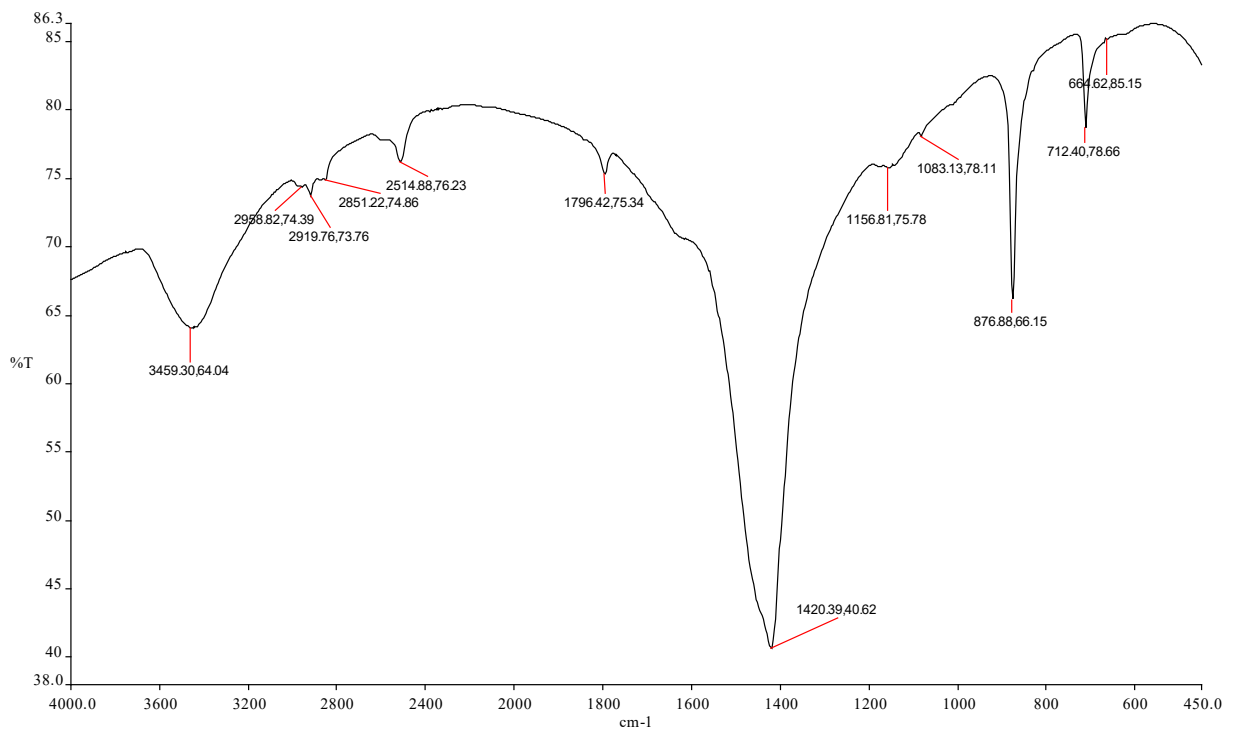


Lampiran

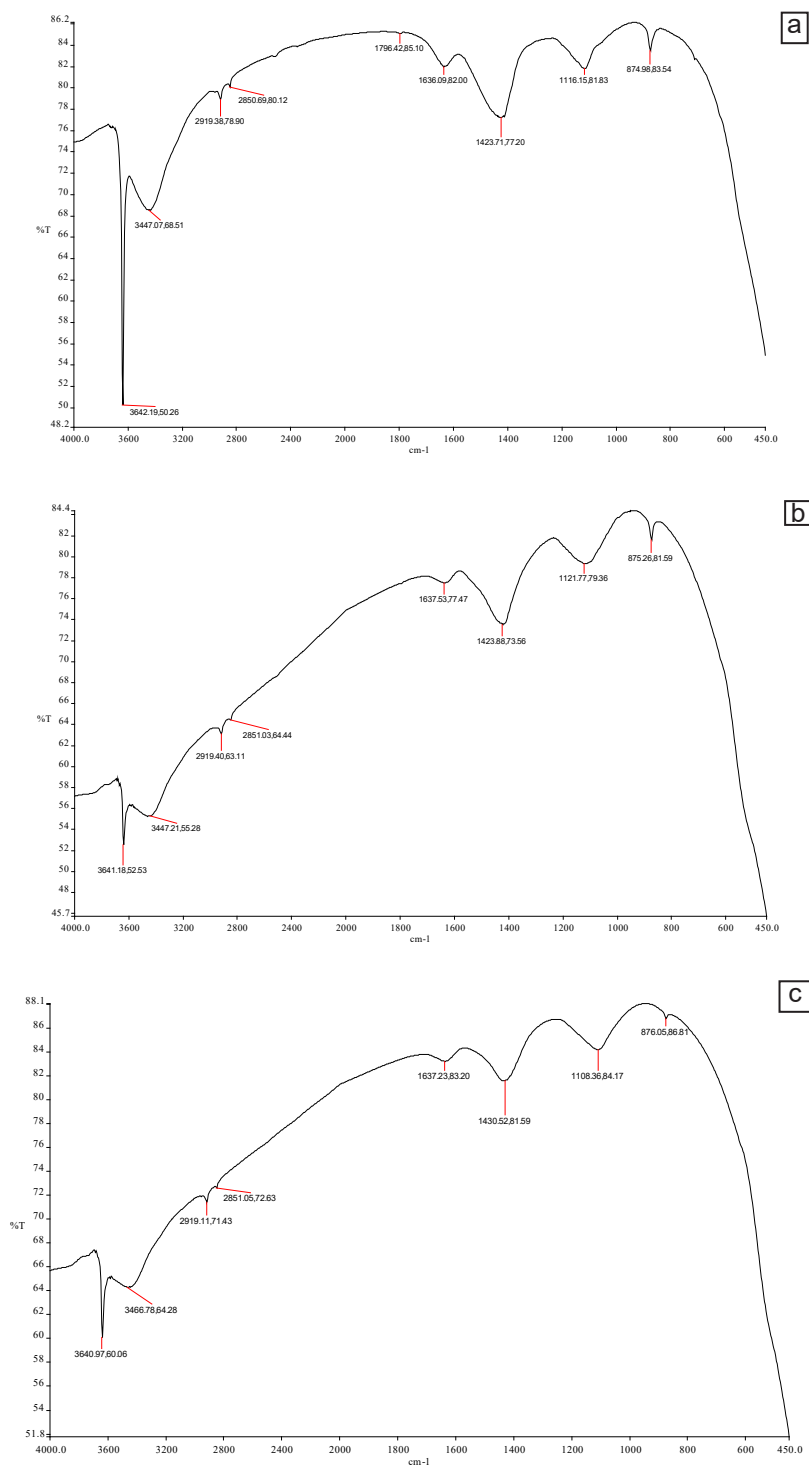
Karakteristik Sediaan Hidroksiapatit dari Cangkang Kerang Sipping (*Amusium pleuronectes*) dengan Perlakuan Suhu dan Waktu Sintesis

Characteristics of Hydroxyapatite Formulation from Scallop Shells (Amusium pleuronectes) using Temperature and Synthesis Time Treatment

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Lampiran 1. Gugus fungsi tepung cangkang kerang sipping campuran (TCKS)
Attachment 1. Functional groups of mixed scallop shell flour (TCKS)



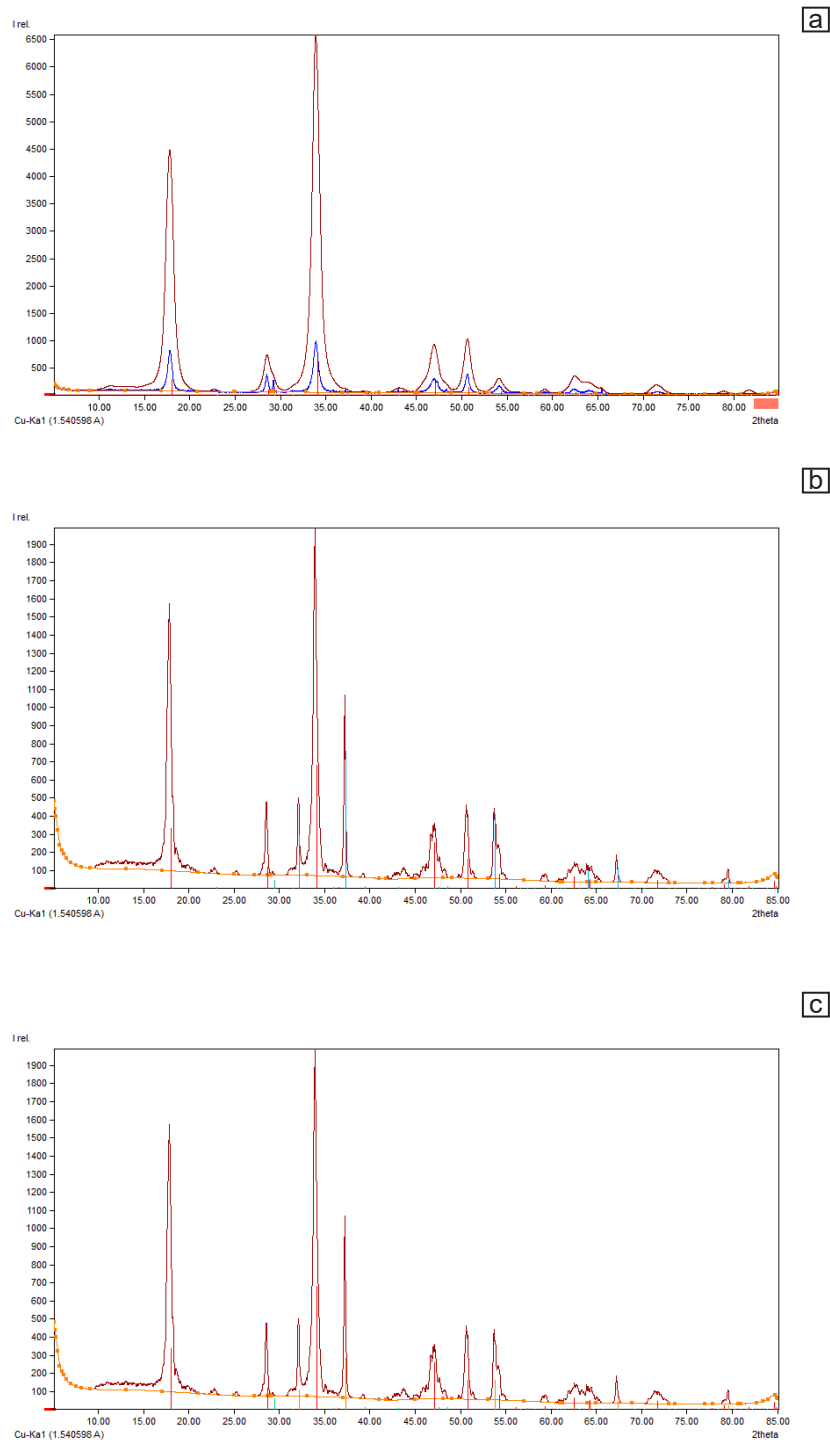
Keterangan/Note:

(a) K7(6) : CaO kalsinasi pada suhu 700°C selama 6 jam/K7(6): *CaO calcined at 700°C for 6 hours*

(b) K8(4,5) : CaO kalsinasi pada suhu 800°C selama 4,5 jam/K8(4.5): *CaO calcined at 800°C for 4.5 hours*

(c) K9(3) : CaO kalsinasi pada suhu 900°C selama 3 jam/K9(3): *CaO calcined at 900°C for 3 hours*

Lampiran 2. Gugus fungsi CaO
Attachment 2. The functional groups of CaO



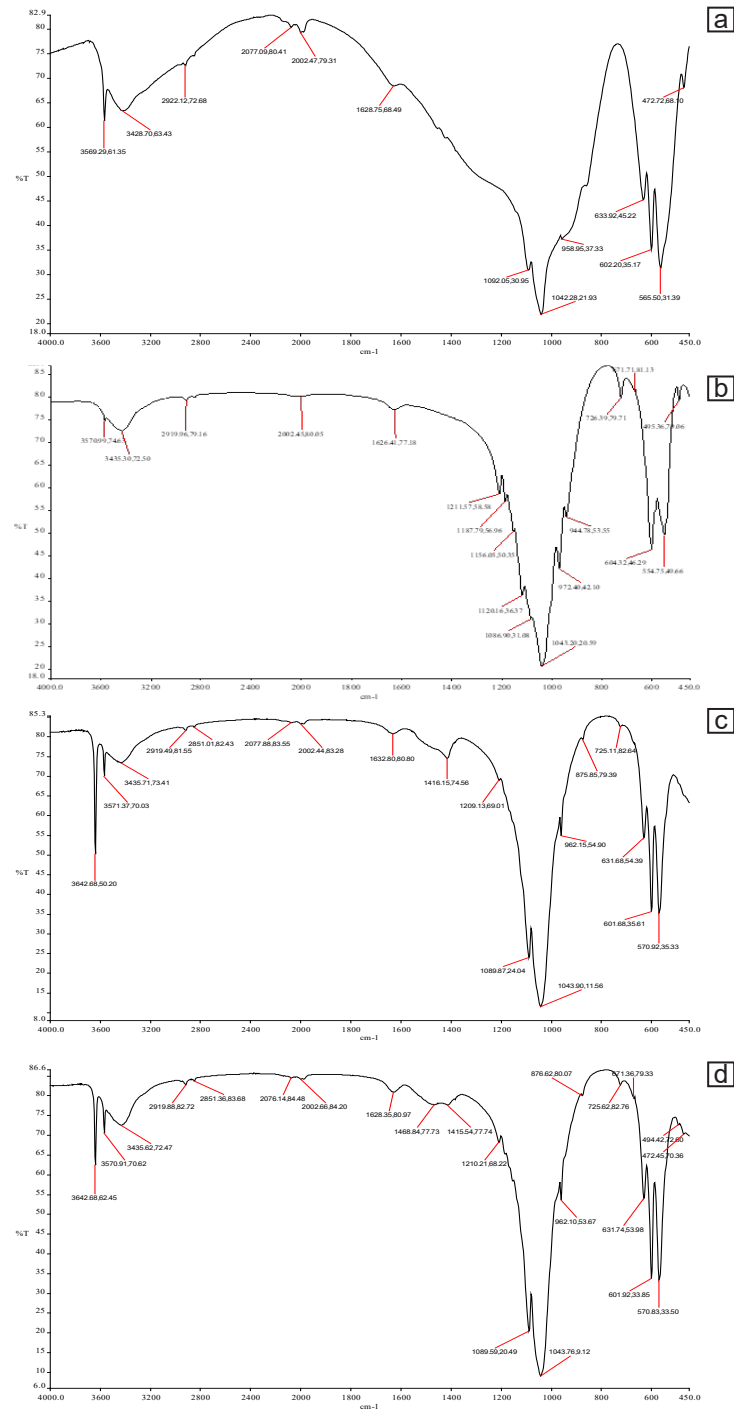
Keterangan/Note:

(a) K7(6) : CaO kalsinasi pada suhu 700°C selama 6 jam/K7(6): *CaO calcined at 700°C for 6 hours*

(b) K8(4,5) : CaO kalsinasi pada suhu 800°C selama 4,5 jam/K8(4.5): *CaO calcined at 800°C for 4.5 hours*

(c) K9(3) : CaO kalsinasi pada suhu 900°C selama 3 jam/K9(3): *CaO calcined at 900°C for 3 hours*

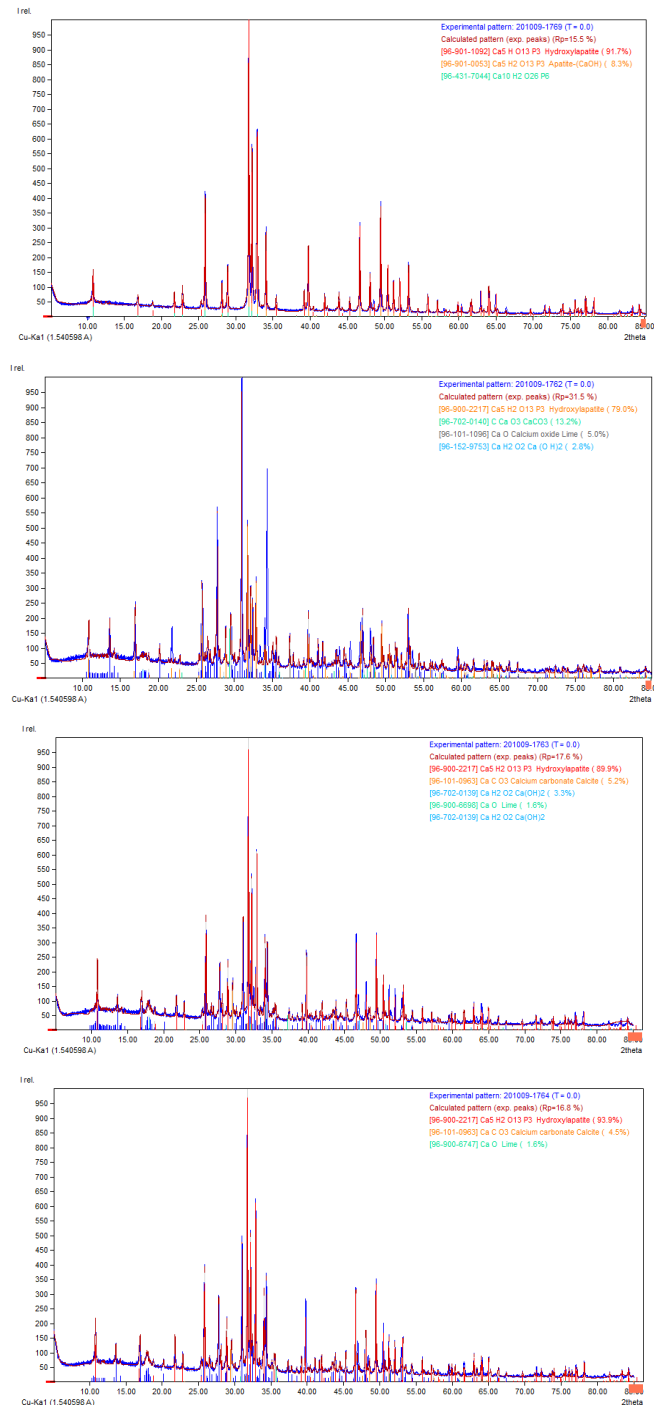
Lampiran 3. Difraktogram CaO
Attachment 3. The diffractogram of CaO



Keterangan/Note:

- (a) HAp-S : Hidroksiapatit standar/HAp-S: *Standard hydroxyapatite*
- (b) HAp-K7(6) : Hidroksiapatit dari CaO kalsinasi suhu 700°C selama 6 jam/HAp-K7(6): *hydroxyapatite from CaO calcined at 700°C for 6 hours*
- (c) HAp-K8(4.5) : Hidroksiapatit dari CaO kalsinasi suhu 800°C selama 4,5 jam/HAp-K8(4.5): *hydroxyapatite from CaO calcined at 800°C for 4.5 hours*
- (d) HAp-K9(3) : Hidroksiapatit dari CaO kalsinasi suhu 900°C selama 3 jam/HAp-K9(3): *hydroxyapatite from CaO calcined at 900°C for 3 hours*

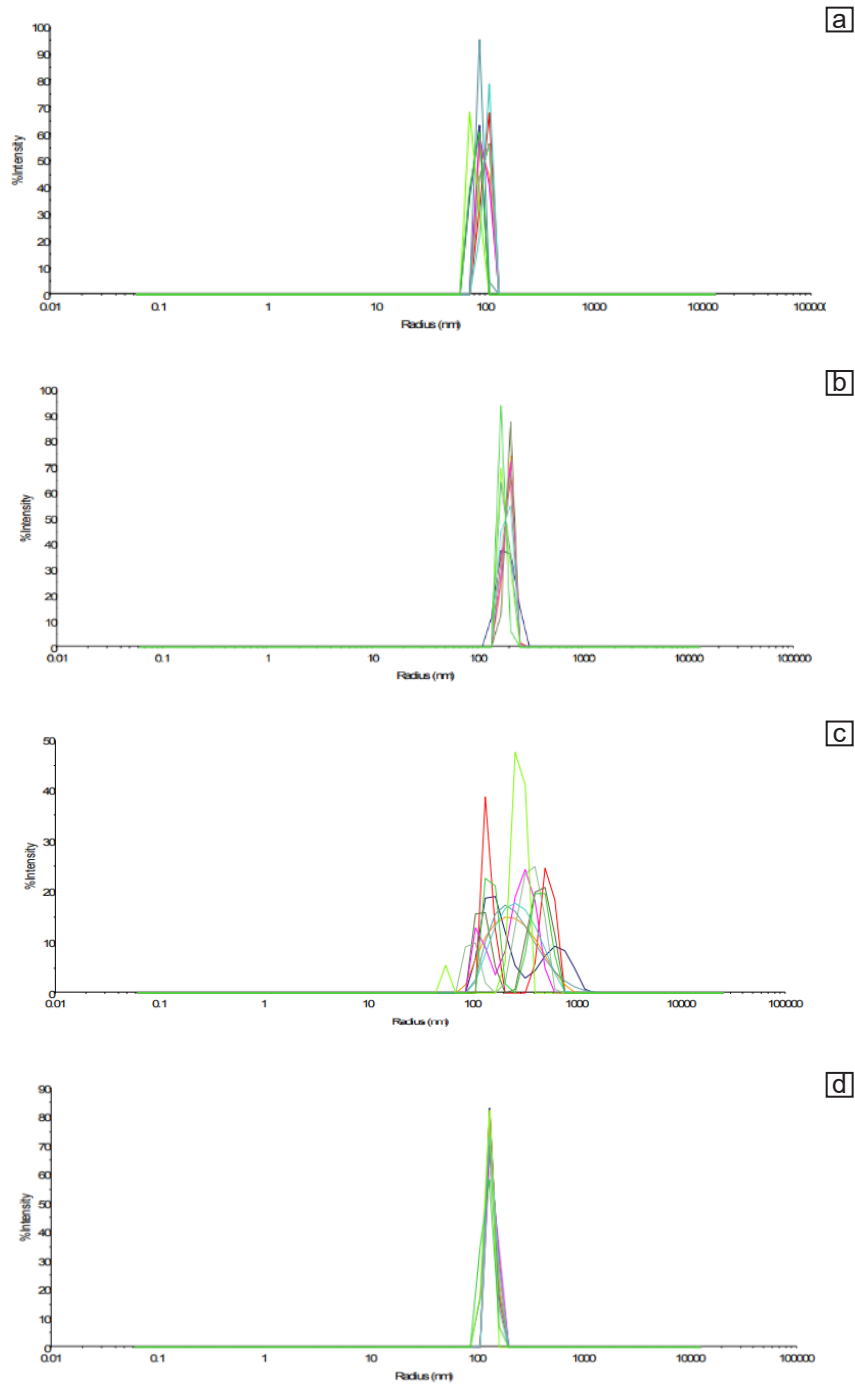
Lampiran 4. Gugus fungsi hidroksiapatit
Attachment 4. *Functional groups of hydroxyapatite*



Keterangan/Note:

- (a) HAp-S : Hidroksiapatit standar/HAp-S: *Standard hydroxyapatite*
- (b) HAp-K7(6) : Hidroksiapatit dari kalsinasi CaO pada suhu 700°C selama 6 jam/HAp-K7(6): *hydroxyapatite from CaO of scallop shell flour calcined at 700°C for 6 hours*
- (c) HAp-K8(4.5): Hidroksiapatit kalsinasi CaO pada suhu 800°C selama 4,5 jam/HAp-K8(4.5): *hydroxyapatite from CaO of scallop shell flour calcined at 800°C for 4.5 hours*
- (d) HAp-K9(3) : Hidroksiapatit kalsinasi CaO pada suhu 900°C selama 3 jam/HAp-K9(3): *hydroxyapatite from CaO of scallop shell flour calcined at 900°C for 3 hours*

Lampiran 5. Difraktogram hidroksiapatit
Attachment 5. Difractogram of hidroxyapatite



Keterangan/Note:

- (a) HAp-S : Hidroksiapatit standar/HAp-S: *Standard hydroxyapatite*
- (b) HAp-K7(6) : Hidroksiapatit dari kalsinasi CaO suhu 700°C selama 6 jam/HAp-K7(6): *hydroxyapatite from CaO calcined at 700°C for 6 hours*
- (c) HAp-K8(4.5): Hidroksiapatit kalsinasi CaO suhu 800°C selama 4,5 jam/HAp-K8(4.5): *hydroxyapatite from CaO calcined at 800°C for 4.5 hours*
- (d) HAp-K9(3) : Hidroksiapatit kalsinasi CaO suhu 900°C selama 3 jam/HAp-K9(3): *hydroxyapatite from CaO calcined at 900°C for 3 hours*

Lampiran 6. Distribusi ukuran partikel hidroksiapatit
Attachment 6. *Hydroxyapatite size particle distribution*