## ข้อมูลจากการวิเคราะห์ XRD ที่เงื่อนไขต่างๆ

1. $[Zn(CH_3COO)_2.2H_2O]$ = 0.1 M, [NaOH] = 0.4 M, T = 25 °C

| plane | Angle ($2\theta$) (degree) | d-spacing (Å) | FWHM (radian) |
|-------|------------------|-----------|-----------|
| (100) | 31.7962 | 2.8144 | 0.2460 |
| (002) | 34.4635 | 2.6024 | 0.1968 |
| (101) | 36.2879 | 2.4757 | 0.2460 |
| (102) | 47.5674 | 1.9116 | 0.2640 |
| (110) | 56.6367 | 1.6252 | 02460 |
| (103) | 62.8424 | 1.4788 | 0.2952 |
| (112) | 67.9551 | 1.3795 | 0.3444 |

2. $[Zn(CH_3COO)_2.2H_2O]$ = 0.2 M, [NaOH] = 0.4 M, T = 25 °C

| plane | Angle ($2\theta$) (degree) | d-spacing (Å) | FWHM (radian) |
|-------|------------------|-----------|-----------|
| (100) | 31.8084 | 2.8133 | 0.2460 |
| (002) | 34.4550 | 2.6031 | 0.2460 |
| (101) | 36.2903 | 2.4755 | 0.1968 |
| (102) | 47.6061 | 1.9102 | 0.2460 |
| (110) | 56.6739 | 1.6242 | 0.3444 |
| (103) | 62.9077 | 1.4774 | 0.3444 |
| (112) | 67.9583 | 1.3794 | 0.3444 |

3. [Zn(CH₃COO)₂.2H₂O] = 0.1 M, [NaOH] = 0.4 M, [PVP] = 1x10⁻⁴ M, T = 25 °C

3. $[Zn(CH_3COO)_2.2H_2O]$ = 0.1 M, [NaOH] = 0.4 M, [PVP] = $1x10^{-4}$ M,  T = 25 °C

| plane | Angle (2$\theta$) (degree) | d-spacing (Å) | FWHM (radian) |
|-------|------------|-----------|-----------|
| (100) | 31.7959 | 2.8144 | 0.1968 |
| (002) | 34.4576 | 2.6029 | 0.1476 |
| (101) | 36.2849 | 2.4759 | 0.1968 |
| (102) | 47.5799 | 1.9112 | 0.1968 |
| (110) | 56.6238 | 1.6255 | 0.2952 |
| (103) | 62.8814 | 1.4779 | 0.2952 |
| (112) | 67.9387 | 1.3797 | 0.1476 |

4. $[Zn(CH_3COO)_2.2H_2O]$ = 0.1 M, [NaOH] = 0.4 M, [PVP] = $2x10^{-4}$ M,  T = 25 °C

| plane | Angle (2$\theta$) (degree) | d-spacing (Å) | FWHM (radian) |
|-------|------------|-----------|-----------|
| (100) | 31.8072 | 2.8134 | 0.1968 |
| (002) | 34.4602 | 2.6027 | 0.1476 |
| (101) | 36.2905 | 2.4755 | 0.1968 |
| (102) | 47.5782 | 1.9112 | 0.1968 |
| (110) | 56.6237 | 1.6255 | 0.2952 |
| (103) | 62.8767 | 1.4781 | 0.2952 |
| (112) | 67.9622 | 1.3793 | 0.2460 |

5. [Zn(CH₃COO)₂.2H₂O] = 0.1 M, [NaOH] = 0.4 M, [PVP] = 3x10⁻⁴ M, T = 25 °C

| plane | Angle ($2\theta$) (degree) | d-spacing (Å) | FWHM (radian) |
|-------|----------------------------|----------------|----------------|
| (100) | 31.7979 | 2.8142 | 0.1968 |
| (002) | 34.4553 | 2.6030 | 0.1476 |
| (101) | 36.2871 | 2.4757 | 0.1968 |
| (102) | 47.5678 | 1.9116 | 0.1968 |
| (110) | 56.6177 | 1.6257 | 0.2460 |
| (103) | 62.8747 | 1.4781 | 0.2460 |
| (112) | 67.9582 | 1.3794 | 0.2460 |