17/08/2022 11:14:44

Conductive MN

HT MN

Project Notes

MN-PEDOT:PSS

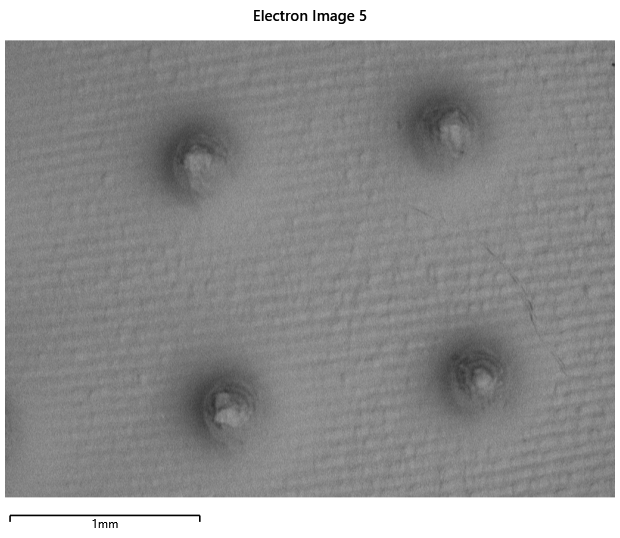
Click here to enter text.

Specimen Notes for 'MN-PEDOT:PSS '

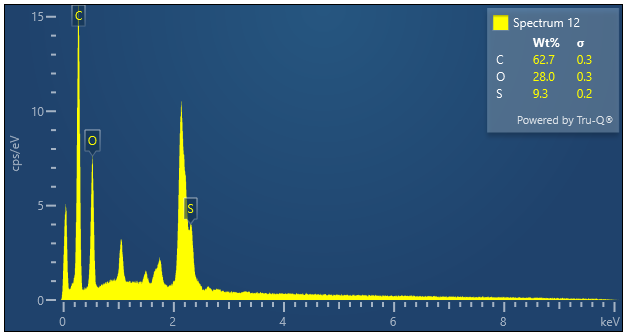
MN-PEDOT:PSS

Click here to enter text.

Site Notes for 'MN-PEDOT:PSS'



|  |  |
| --- | --- |
| Label: | Electron Image 5 |
| Collected: | 17/08/2022 11:16:35 |
| Input Signal: | SE |
| Resolution (Width): | 1024 pixels |
| Resolution (Height): | 768 pixels |
| Pixel Size: | 3.13816 µm |
| Image Width: | 3.21mm |
| Image Height: | 2.41mm |
| Accelerating Voltage: | 10.00kV |
| Magnification: | 40 x |
| Working Distance: | 11.2mm |
| Stage X: | 14.458mm |
| Stage Y: | 5.810mm |
| Stage Z: | 10.000mm |
| Stage Tilt Degrees: | 0.00° |
| Specimen Tilt Degrees: | 0.00° |
| Software Tilt Correction: | Not applied |
| Stage Rotate: | 132.2° |
| Number of Averaged Frames: | 1 |
| Dwell Time: | 10μs |



|  |  |
| --- | --- |
| Label: | Spectrum 12 |
| Source: | Acquired |
| Created: | 17/08/2022 11:14:44 |
| Livetime: | 60.0s |
| Process Time: | 4 |
| Accelerating Voltage: | 10.00kV |
| Magnification: | 40 x |
| Working Distance: | 11.2mm |
| Stage X: | 11.214mm |
| Stage Y: | 5.6mm |
| Stage Z: | 10.0mm |
| Stage Tilt: | 0.00° |
| Specimen Tilt (degrees): | 0.00 |
| Stage Rotate: | 132.2° |
| Elevation (degrees): | 35.0 |
| Azimuth (degrees): | 0.0 |
| Number Of Channels: | 2048 |
| Energy Range (keV): | 10 keV |
| Energy per Channel (eV): | 5.0eV |
| Detector Type: | Ultim Max 170 |
| Detector Type Id: | 60 |
| Window Type: | SATW |
| Pulse Pile Up Correction: | Succeeded |
| Primary Detector: | Ultim170 |
| Primary Detector Serial Number: | UVA10322 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Spectrum 12** |  |  |  |  |  |  |  |  |
| Element | Line Type | Apparent Concentration | k Ratio | Wt% | Wt% Sigma | Standard Label | Factory Standard | Standard Calibration Date |
| C | K series | 17.11 | 0.17109 | 62.72 | 0.32 | C Vit | Yes |  |
| O | K series | 19.59 | 0.06591 | 28.01 | 0.29 | SiO2 | Yes |  |
| S | K series | 7.82 | 0.06735 | 9.27 | 0.19 | FeS2 | Yes |  |
| Total: |  |  |  | 100.00 |  |  |  |  |