

Supplementary Data for Waste pharmaceutical blister packages as a source of secondary aluminum

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Table S1. Elemental composition (wt%) of metallic layer for Sample A (after delamination)

Experiment Code	O	F	Al	Cl	Fe	P	Zn	Total
A4	1.1	-	98.1	0.1	0.8	-	-	100
A5	1.3	-	94.2	3.9	0.6	-	-	100
A8	1.0	-	98.1	0.4	0.5	-	-	100
A9	1.2	-	98.0	0.1	0.7	-	-	100
A10	1.3	0.1	95.6	2.5	0.5	-	-	100
A13	1.1	0.1	97.1	1.1	0.6	-	-	100
A14	0.8	-	98.4	0.3	0.4	-	-	100
A15	1.0	-	96.8	1.6	0.6	-	-	100

Table S2. Elemental composition (wt%) of metallic layer for Sample B (after delamination)

Experiment Code	O	F	Al	Cl	Fe	P	Zn	Total
B3	1.2	-	97.6	0.6	0.5	-	0.2	100
B4	0.8	-	98.4	0.3	0.5	-	-	100
B5	1.1	0.1	96.7	1.7	0.4	-	-	100
B8	0.7	-	98.6	0.2	0.6	-	-	100
B9	0.8	-	98.6	0.1	0.5	-	-	100
B10	1.3	-	94.3	4.1	0.4	-	-	100
B12	2.1	-	97.2	0.3	0.5	-	-	100
B13	0.9	-	98.4	0.2	0.4	-	-	100
B14	0.9	-	98.2	0.3	0.5	0.1	-	100
B15	1.3	-	95.6	2.7	0.5	-	-	100

Table S3. Elemental composition (wt%) of metallic layer for Sample C (after delamination)

Experiment Code	O	F	Al	Cl	Fe	P	Zn	Total
C3	0.7	-	98.7	0.3	0.5	-	-	100
C4	0.9	-	98.3	0.2	0.6	-	-	100
C5	1.5	-	92.7	5.3	0.5	-	-	100

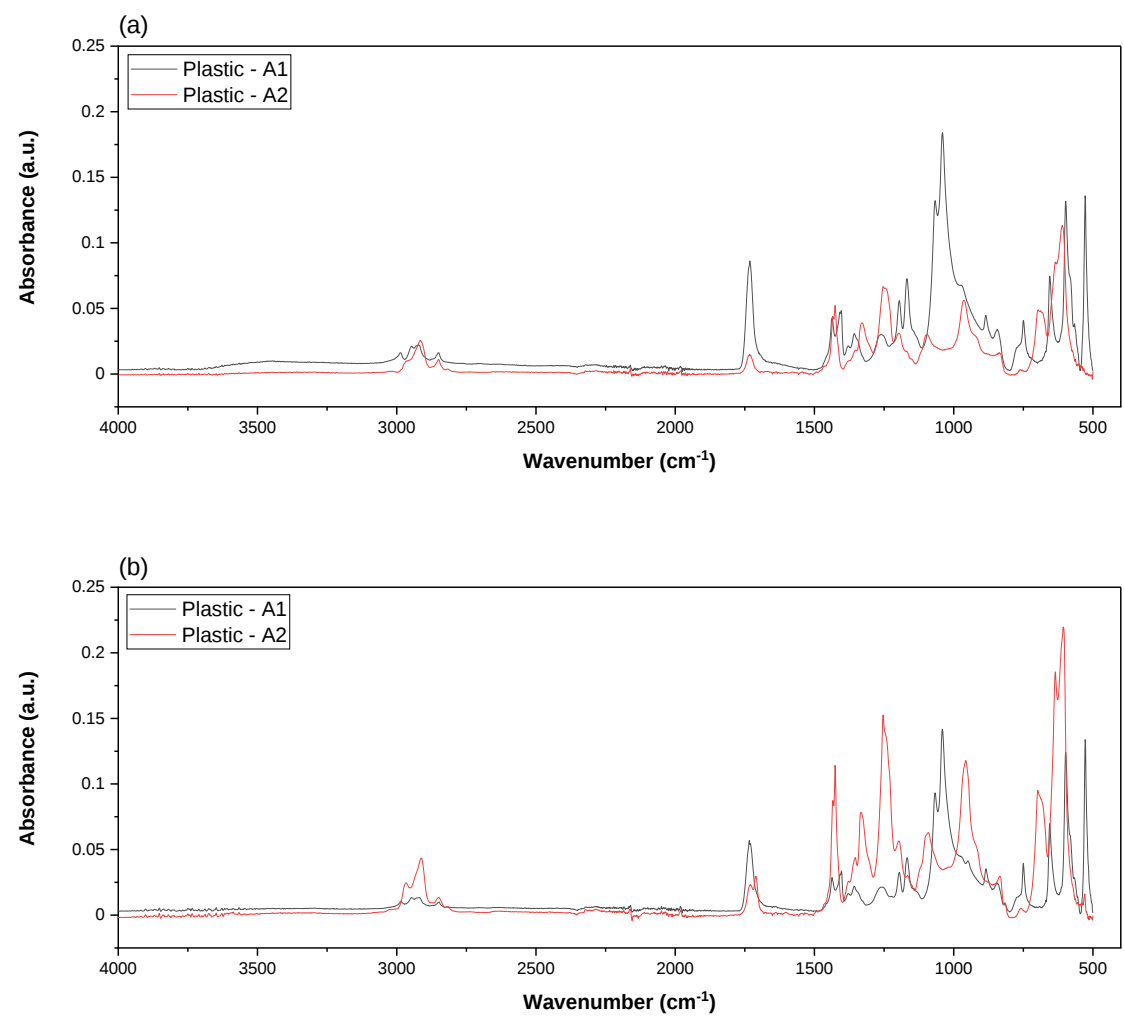


Figure S1. FTIR spectra of sample A: (a) before, and (b) after delamination.

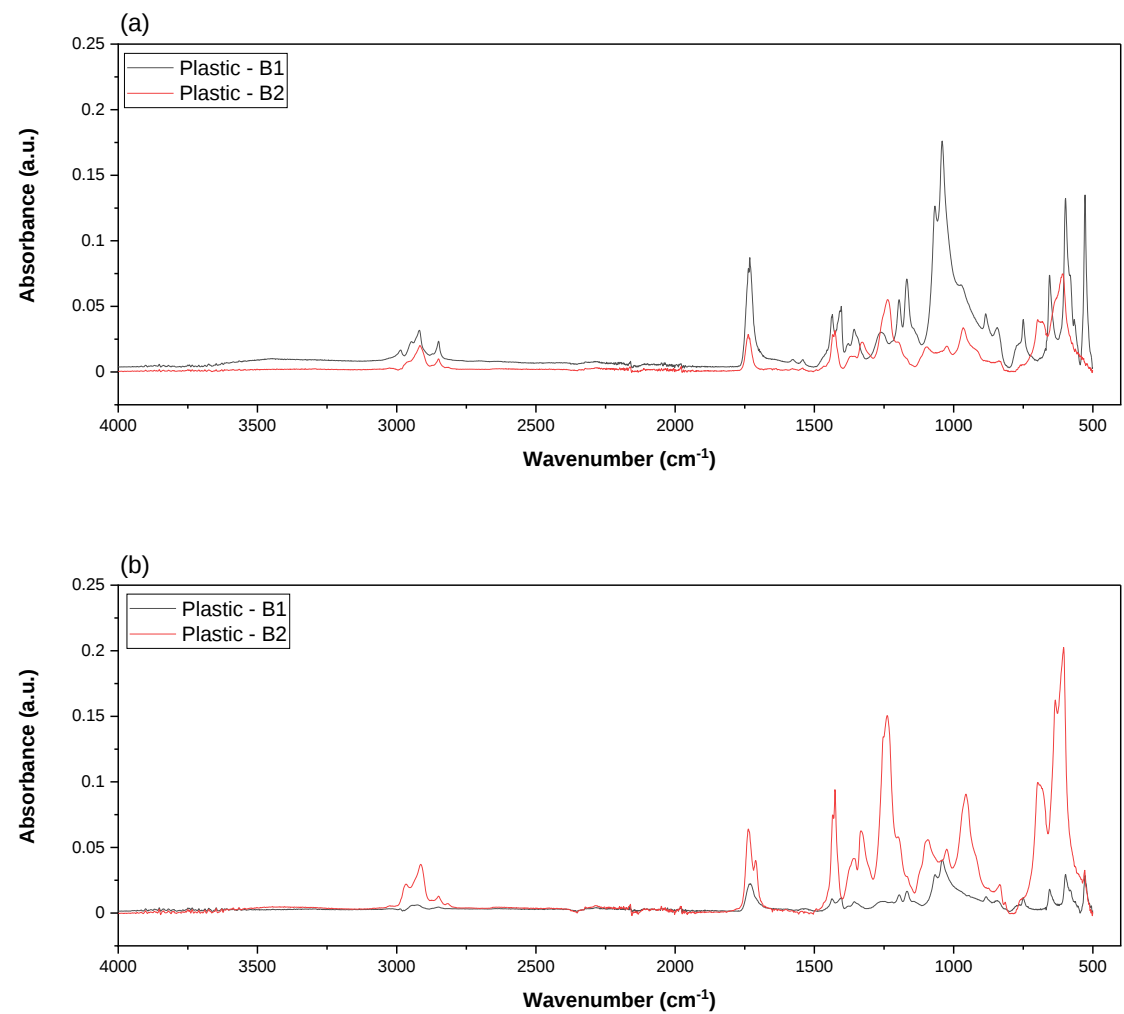


Figure S2. FTIR spectra of sample B: (a) before, and (b) after delamination.

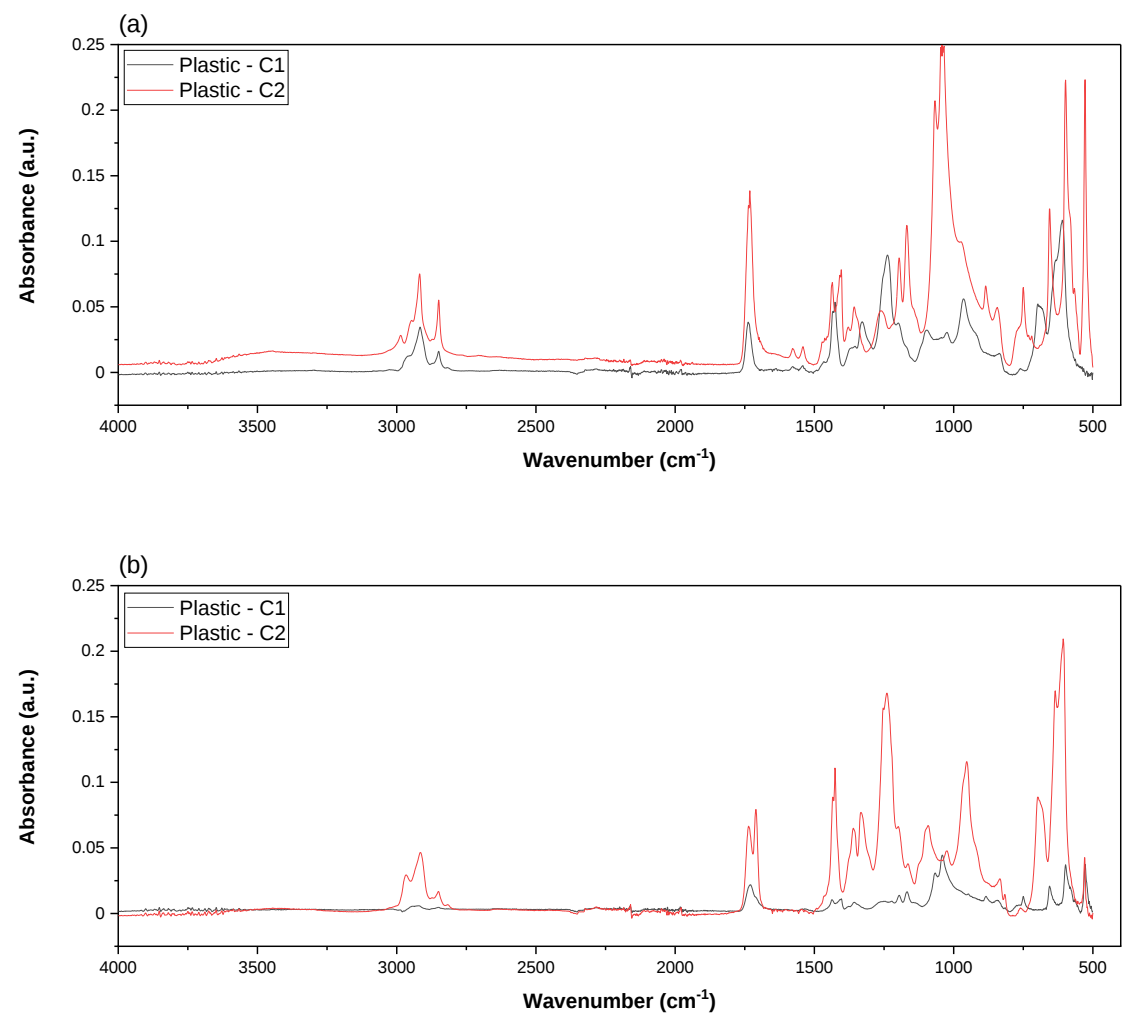


Figure S3. FTIR spectra of sample C: (a) before, and (b) after delamination.