

# Chemical Product: Process Monitoring

## Beginning of the Study

Batch	Purity (%)	Yield (%)
1	92.9	55.4
2	90.8	49.9
3	90.6	44.8
4	87.2	43.7
5	83.5	34.9
6	83.6	40.3
7	76.9	38.0
8	90.7	51.7
9	85.5	41.1
10	93.2	42.1
11	96.7	48.9
12	80.6	32.9
13	74.8	33.4
14	98.9	55.5
15	82.6	38.7
16	76.4	28.7
17	99.9	46.6
18	96.1	48.8
19	94.2	48.3
20	86.3	44.0
21	88.0	33.8
22	93.1	44.9
23	92.2	44.0
24	99.6	55.9
25	90.1	46.9
26	75.4	35.9
27	80.4	40.0
28	86.4	39.5
29	93.0	45.4
30	80.2	33.8

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## After Process Improvement Project

Batch	Purity (%)	Yield (%)
1	96.8	58.5
2	96.0	58.3
3	98.4	60.3
4	97.5	60.5
5	95.1	57.4
6	96.3	58.2
7	97.5	60.5
8	96.7	58.4
9	98.0	59.8
10	95.3	58.7
11	98.1	59.3
12	97.7	59.3
13	98.3	60.6
14	99.1	59.7
15	99.4	60.8
16	93.5	57.3
17	98.2	59.5
18	96.6	59.0
19	94.5	57.1
20	97.2	58.9
21	97.0	60.1
22	97.6	58.9
23	97.5	59.3
24	97.6	59.8
25	96.5	58.1
26	96.6	58.8
27	95.7	58.4
28	98.0	60.3
29	97.8	59.3
30	97.6	58.9