

Lampiran 5

PERHITUNGAN PEROLEHAN KEMBALI PADA PENETAPAN AKURASI

Larutan	Area	Rata - rata Area	Kadar	Rata - rata kadar
Larutan baku 80%	55837365	55829209	0	
	56000897			
	55649366			
Akurasi 80% replikasi 1	55493515	55421347	99.27	
	55646887			
	55123638			
Akurasi 80% replikasi 2	55568563	55512423	99.43	99.15
	55686773			
	55281934			
Akurasi 80% replikasi 3	55307538	55124922	98.74	
	55133194			
	54934033			
Larutan baku 100%	54405445	54237700	0	
	54147287			
	54160367			
Akurasi 100% replikasi 1	54600876	54739840	100.93	
	54831939			
	54786706			
Akurasi 100% replikasi 2	54312604	54296894	100.11	99.94
	54287687			
	54290390			
Akurasi 100% replikasi 3	53732717	53575436	98.78	
	53294313			
	53699278			
Larutan baku 120%	72805578	73425308	0	
	73912221			
	73558125			
Akurasi 120%	73233873	73343726	99.89	99.52
	73531218			

replikasi 1	73266086		
Akurasi 120% replikasi 2	73375152	73200082	99.69
	72917818		
	73307275		
Akurasi 120% replikasi 3	72359504	72680375	98.99
	72839150		
	72842471		

$$\% \text{Recovery} = \frac{\text{luas area yang diperoleh}}{\text{luas area sebenarnya}} \times 100\%$$

1. Akurasi 80% replikasi 1

$$\% \text{Recovery} = \frac{55421347}{55829209} \times 100\% = 99,27\%$$

2. Akurasi 80% replikasi 2

$$\% \text{Recovery} = \frac{55512423}{55829209} \times 100\% = 99,43\%$$

3. Akurasi 80% replikasi 3

$$\% \text{Recovery} = \frac{55124922}{55829209} \times 100\% = 98,74\%$$

4. Akurasi 100% replikasi 1

$$\% \text{Recovery} = \frac{54729840}{54237700} \times 100\% = 100,93\%$$

5. Akurasi 100% replikasi 2

$$\% \text{Recovery} = \frac{55421347}{54237700} \times 100\% = 100,11\%$$

6. Akurasi 100% replikasi 3

$$\% \text{Recovery} = \frac{54296894}{54237700} \times 100\% = 98,78\%$$

7. Akurasi 120% replikasi 1

$$\% \text{Recovery} = \frac{73343726}{73425308} \times 100\% = 99,89\%$$

8. Akurasi 120% replikasi 2

$$\% \text{Recovery} = \frac{73200082}{73425308} \times 100\% = 99,69\%$$

9. Akurasi 120% replikasi 3

$$\% \text{Recovery} = \frac{72680375}{73425308} \times 100\% = 98,99\%$$