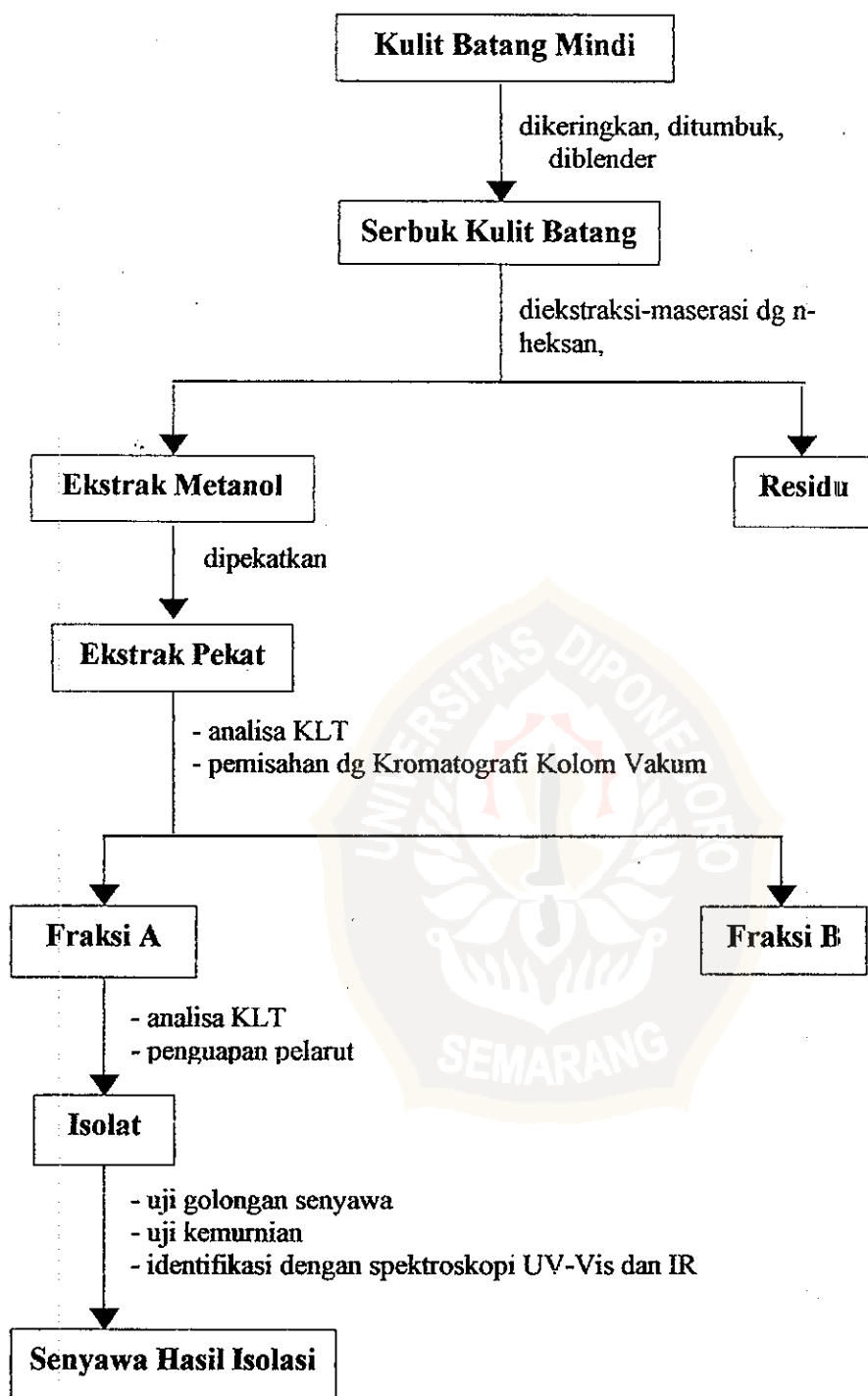




UNIVERSITAS DIPONEGORO

perc. SURUN KAREKA Jl. Panda Raya, Salatun, Telp. (024) 5719707

Lampiran. Skema Kerja



Lampiran 2. Uji Aktivitas Ekstrak Etil Asetat dan Ekstrak Metanol

1. Ekstrak Etil Asetat

udang	1000 ppm			100ppm			10 ppm		
	1	2	3	1	2	3	1	2	3
Mati	10	10	10	5	6	5	3	3	4
hidup	0	0	0	5	4	5	7	7	6

2. Ekstrak Metanol

udang	1000 ppm			100ppm			10 ppm		
	1	2	3	1	2	3	1	2	3
Mati	10	10	10	6	7	8	5	4	4
hidup	0	0	0	4	3	2	5	6	6

Perhitungan Harga LC₅₀

CALC. 'ED50' BY BLISS METHOD

CURVE # 1 : P(PROBIT) = 3.250891 + 1.109772 * LOG(D)
R = .9415954 R0.01=-.9799631 R0.05=-.9976779
ED95 = 1143.652 (95% CONFIDENCE INTERVAL: 317.3229 - 4121.798)
ED50 = 37.67886 (95% CONFIDENCE INTERVAL: 19.53927 - 72.65874)
ED5 = 1.241371 (95% CONFIDENCE INTERVAL: .250558 - 6.150281)
B= 1.109772 SB= .466836 X50= 1.576098 SX50= .145505

DOES	E(NO.)	T(NO.)	P(%)	PCALC.
1000	30	30	100	94.29701
100	16	30	53.33334	68.09776
10	10	30	33.33334	26.13024

CALC. 'ED50' BY BLISS METHOD

CURVE # 1 : P(PROBIT) = 3.643592 + 1.071933 * LOG(D)
R = .9662688 R0.01=-.9799631 R0.05=-.9976779
ED95 = 630.817 (95% CONFIDENCE INTERVAL: 170.181 - 2338.275)
ED50 = 18.42407 (95% CONFIDENCE INTERVAL: 8.506434 - 39.90462)
ED5 = .5381055 (95% CONFIDENCE INTERVAL: 7.384891E-02 - 3.920945)
B= 1.071933 SB= .3526361 X50= 1.265386 SX50= .1712438

DOES	E(NO.)	T(NO.)	P(%)	PCALC.
1000	30	30	100	96.85139
100	21	30	70	78.44925
10	13	30	43.33333	38.80231

