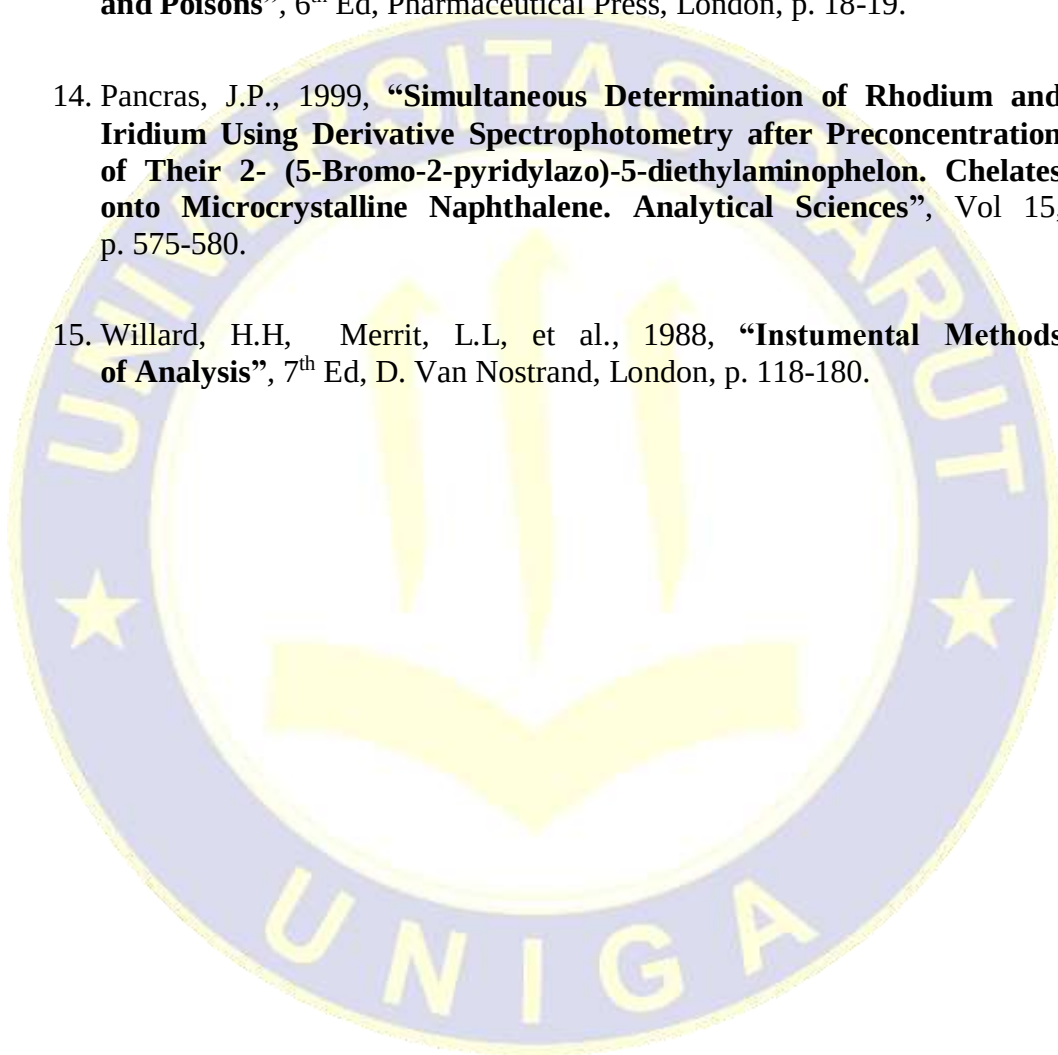
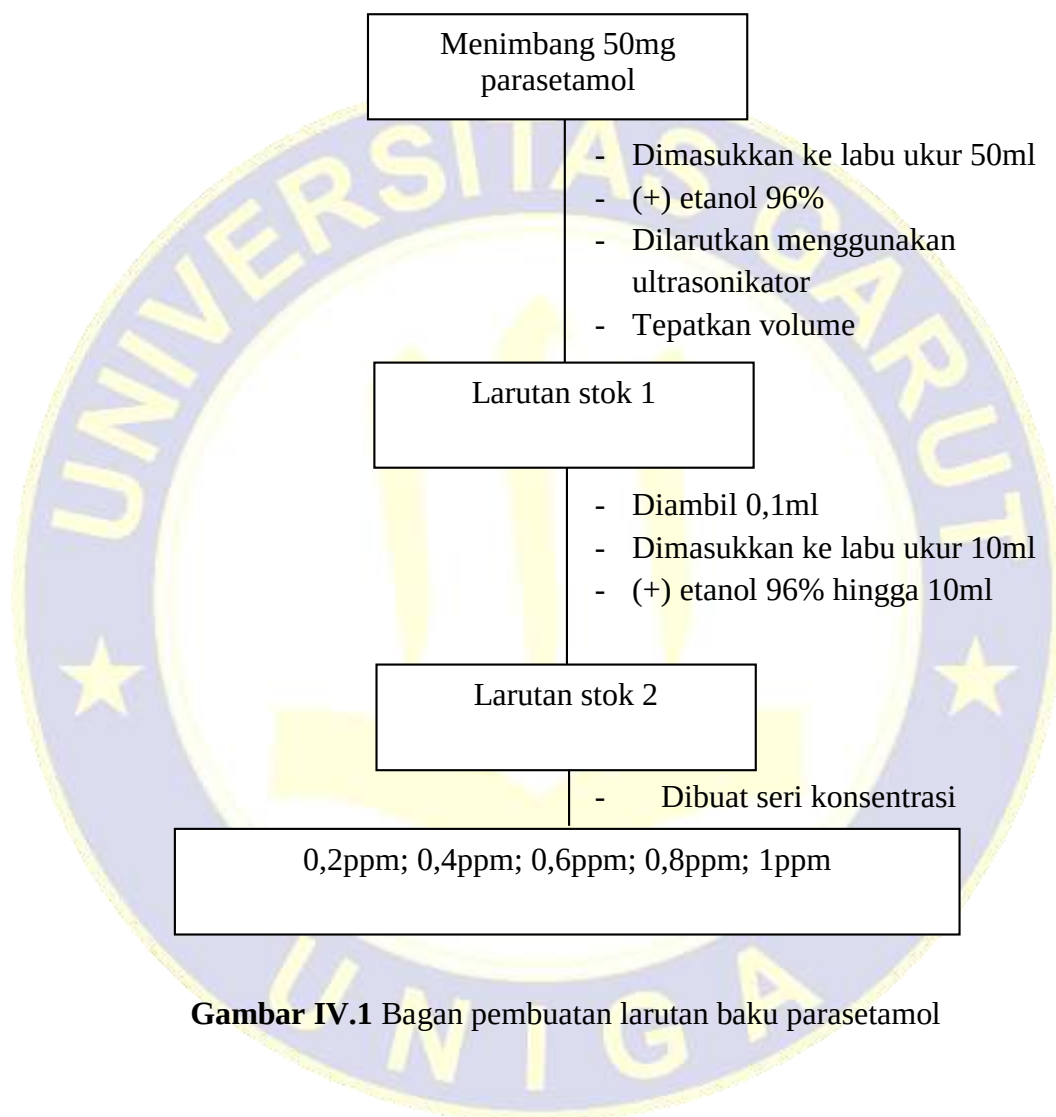


DAFTAR PUSTAKA

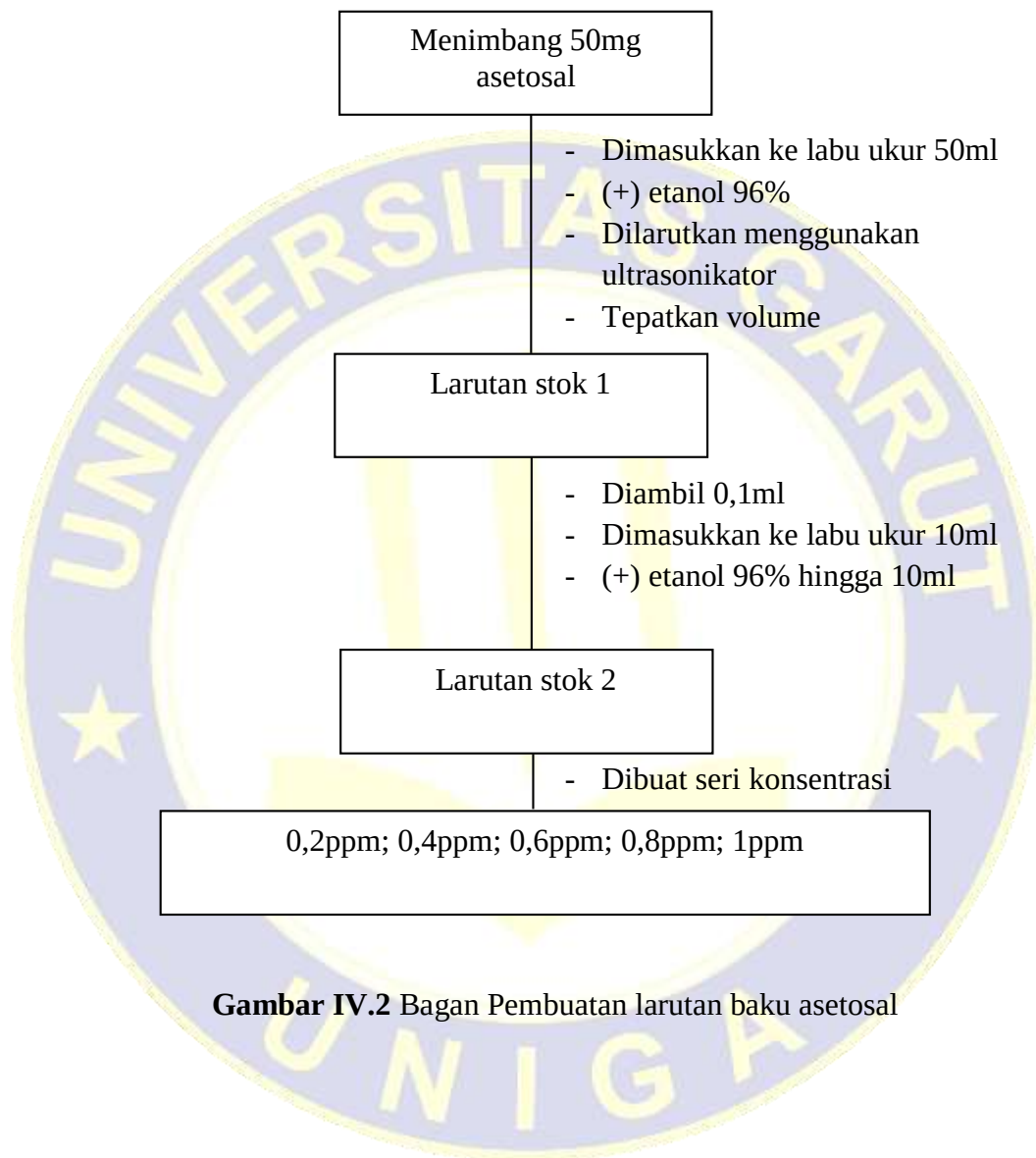
1. Sofi Damayanti, Slamet Ibrahim, et al., 2003, **“Simultaneous Determination of Paracetamol and Ibuprofen Mixtures by High Performance Liquid Chromatography”**, Indonesian Journal of Chemistry, Vol. 3.(1), Hlm. 9.
2. Sulistia G. Ganiswara, 1995, **“Farmakologi dan Terapi”**, Edisi V, Fakultas Kedokteran, Universitas Indonesia, Jakarta.
3. Levent, M., 2002, **“HPLC Methode for the Analysis of Paracetamol, Caffeine and Dipyron”**, Turk J Chem, Vol. 26, p. 521-522.
4. Wulandari, M.G.D., 2006, **“Penetapan Kadar Kafein dalam Campuran Paracetamol, Salisilamida, dan Kafein secara Spektrofotometri Derivatif”**, Tugas akhir Sarjana Farmasi Fakultas Farmasi, Universitas Sanata Dharma, Yogyakarta, Hlm. 5.
5. BPOM, 1979, **“Farmakope Indonesia”**, Edisi III, Departemen Kesehatan Republik Indonesia, Jakarta, Hlm. 37, 4, 175.
6. BPOM, 1995, **“Farmakope Indonesia”**, Edisi IV, Departemen Kesehatan Republik Indonesia, Jakarta, Hlm. 31, 254, 649.
7. Sudjadi dan Abdul Rahman, 2012, **“Analisis Farmasi”**, Pustaka Pelajar, Yogyakarta, Hlm. 2-9, 12-16, 414-419.
8. Muhammad Mulja dan Suharman., 1995, **“Analisis Instrumental”**, Universitas Airlangga, Surabaya, Hlm. 6-9, 31, 33-37.
9. Day, R.A dan Underwood, 1990, **“Analisis Kimia Kuantitatif”**, Edisi IV, Terjemahan R. Soendoro, Erlangga, Jakarta, Hlm. 3-5.
10. Khopkar, S.M., 2002, **“Konsep Dasar Kimia Analitik”**, UI-Press, Jakarta, Hlm. 201.
11. Ermer, J and Miller, J.H., 2005, **“Method Validation Pharmaceutical Analysis”**, WILEY – VCH Verlag GmbH & Co.KgA, Weinheim, p. 21, 63, 101.

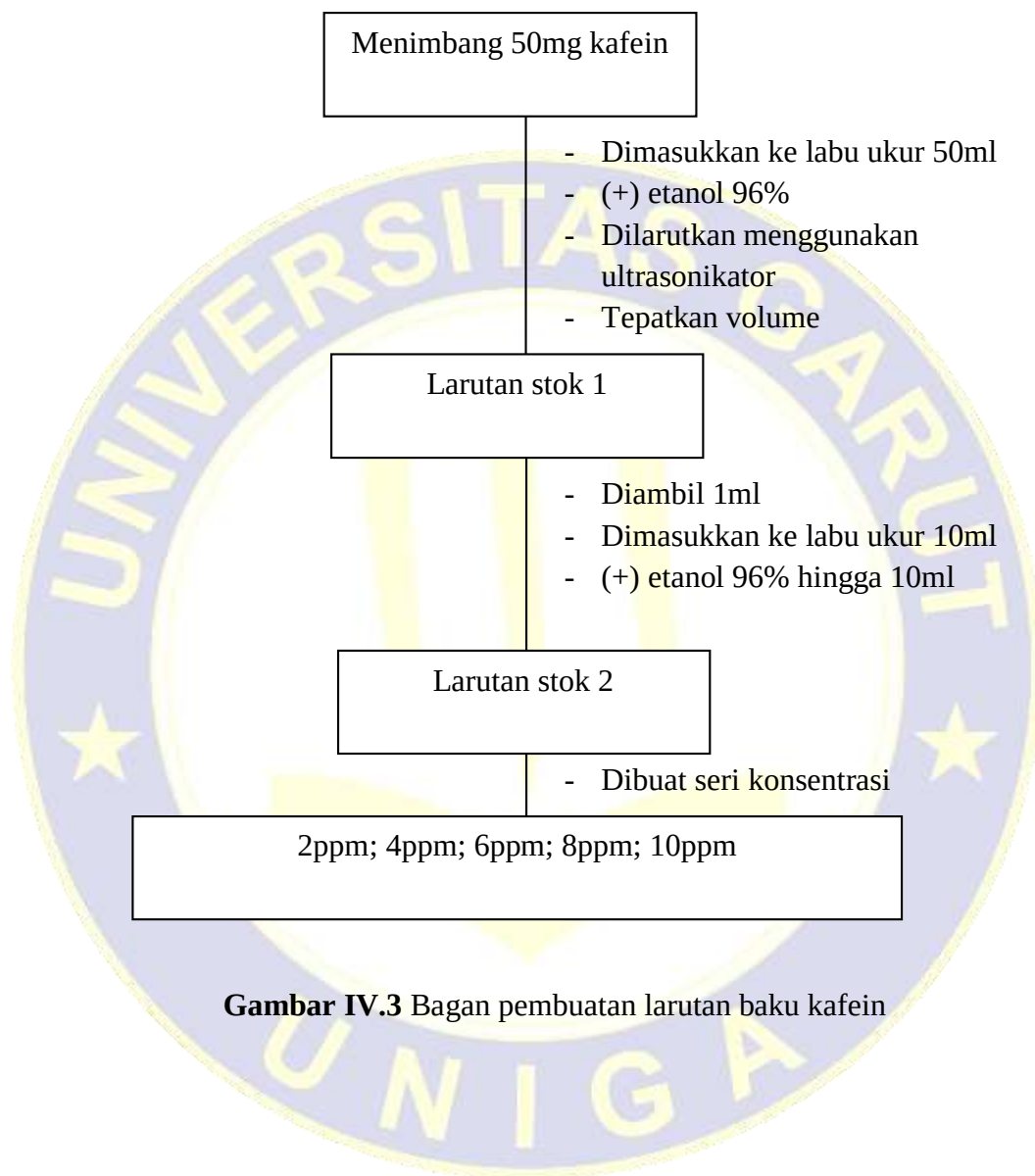
12. Florentina., 2005, **“Penetapan Kadar Campuran Prokain HCl dan Kafein (4:3) Secara Spektrofotometri UV dengan Aplikasi Metode Derivatif”**, Tugas akhir Sarjana Farmasi, Fakultas Farmasi, Universitas Sanata Dharma, Yogyakarta, Hlm. 30-35, 55-60.
13. Moffat, A.C, M.D. Osselton, et al., 2011, **“Clarke’s Analysis of Drugs and Poisons”**, 6th Ed, Pharmaceutical Press, London, p. 18-19.
14. Pancras, J.P., 1999, **“Simultaneous Determination of Rhodium and Iridium Using Derivative Spectrophotometry after Preconcentration of Their 2- (5-Bromo-2-pyridylazo)-5-diethylaminophelon. Chelates onto Microcrystalline Naphthalene. Analytical Sciences”**, Vol 15, p. 575-580.
15. Willard, H.H, Merrit, L.L, et al., 1988, **“Instumental Methods of Analysis”**, 7th Ed, D. Van Nostrand, London, p. 118-180.



LAMPIRAN I**PROSEDUR KERJA PENELITIAN****PEMBUATAN LARUTAN BAKU PARASETAMOL**

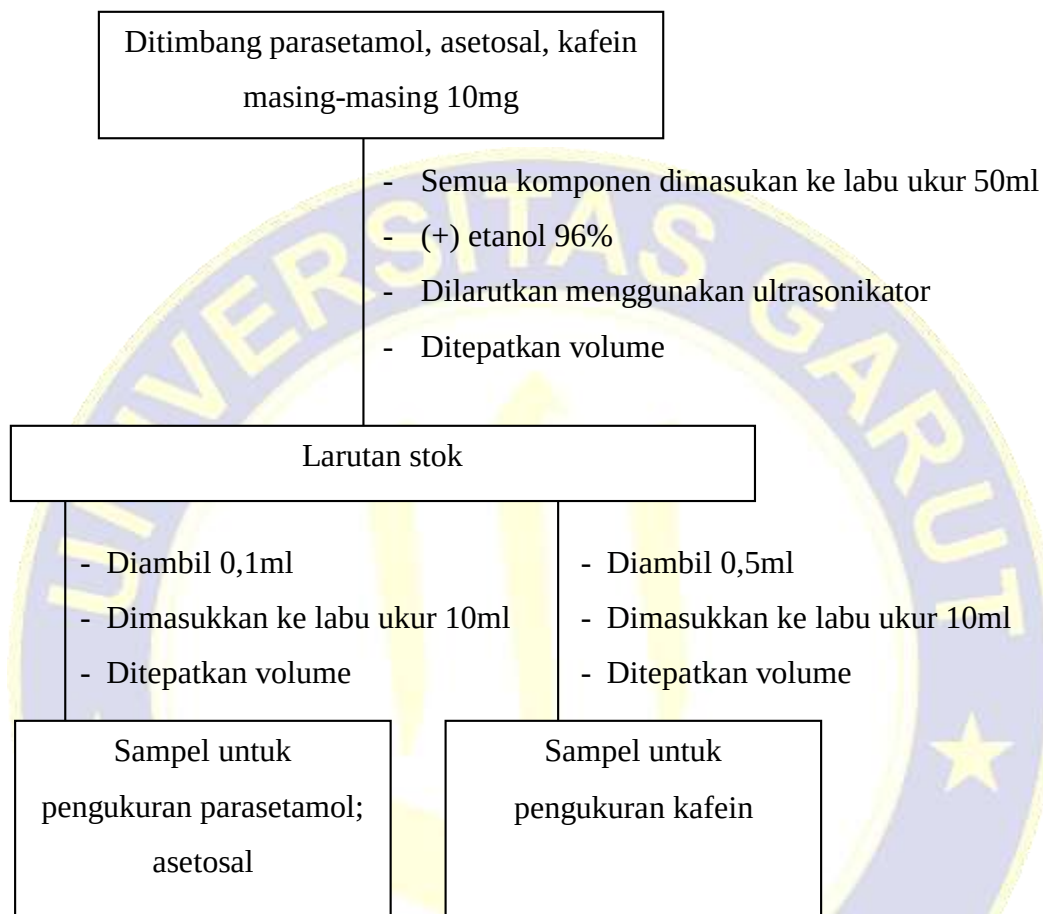
Gambar IV.1 Bagan pembuatan larutan baku parasetamol

LAMPIRAN 2**PEMBUATAN LARUTAN BAKU ASETOSAL****Gambar IV.2** Bagan Pembuatan larutan baku asetosal

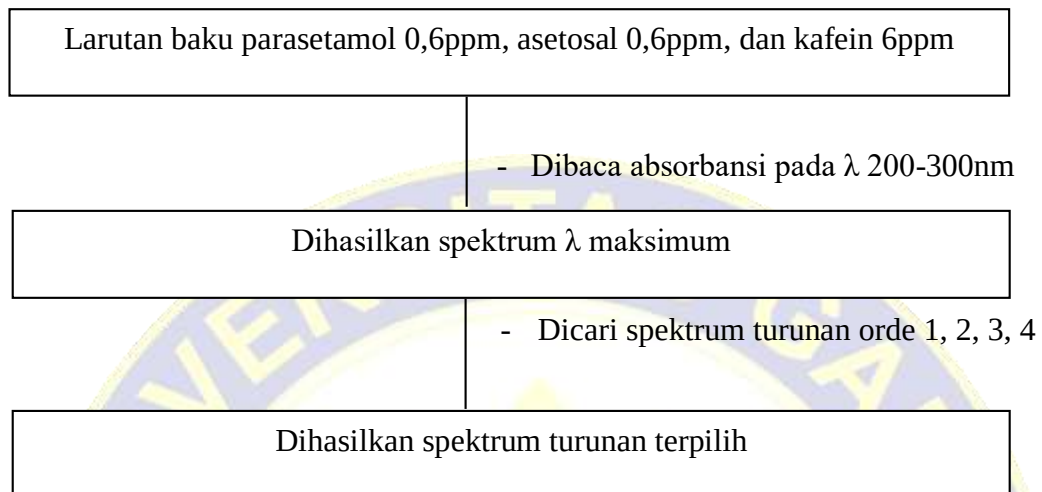
LAMPIRAN 3**PEMBUATAN LARUTAN BAKU KAFEIN****Gambar IV.3** Bagan pembuatan larutan baku kafein

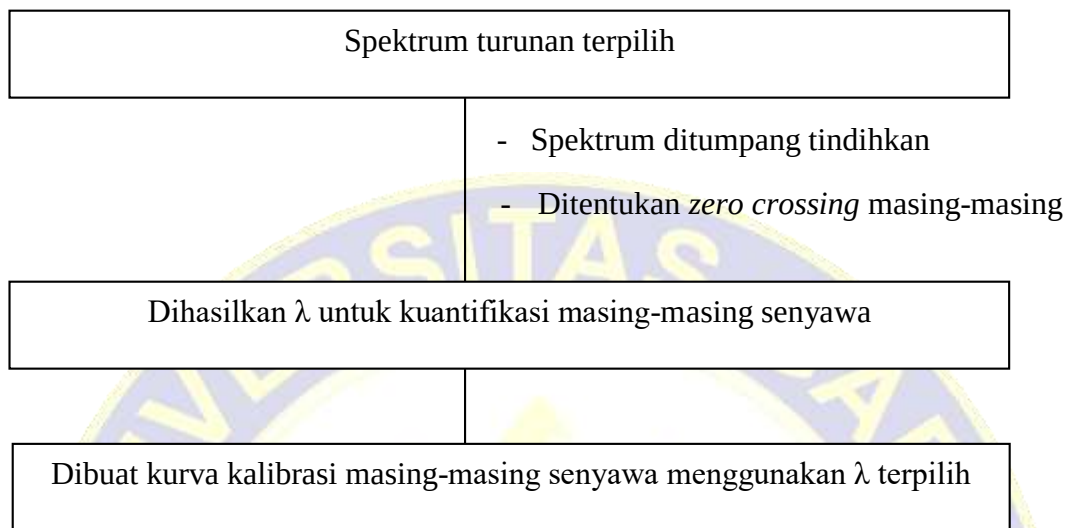
LAMPIRAN 3

(LANJUTAN)



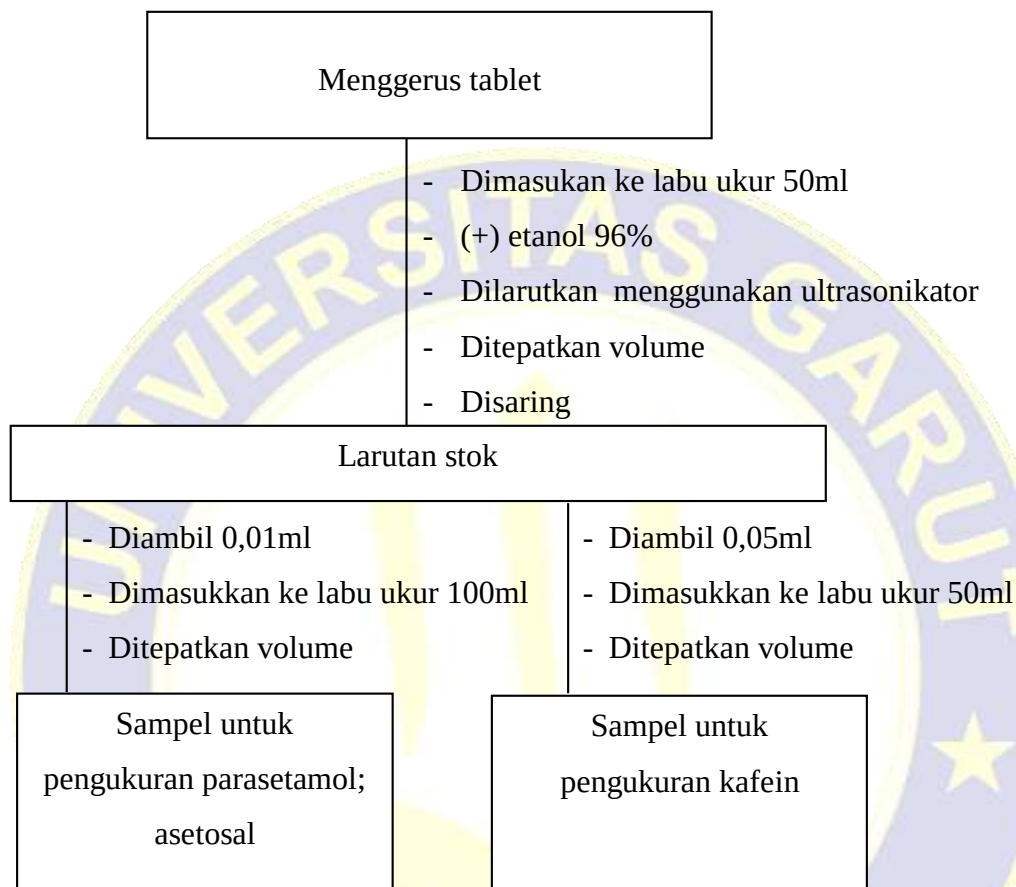
Gambar IV.4 Bagan pembuatan larutan campuran obat

LAMPIRAN 4**PENENTUAN SPEKTRUM****Gambar IV.5** Bagan penentuan spektrum

LAMPIRAN 5**PENENTUAN *ZERO CROSSING*****Gambar IV.6** Bagan penentuan *zero crossing*

LAMPIRAN 6

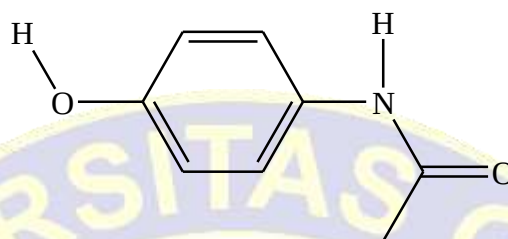
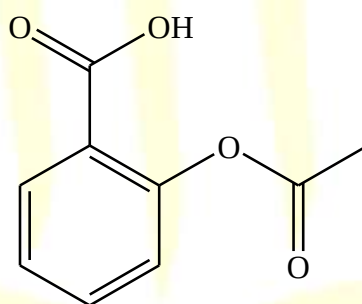
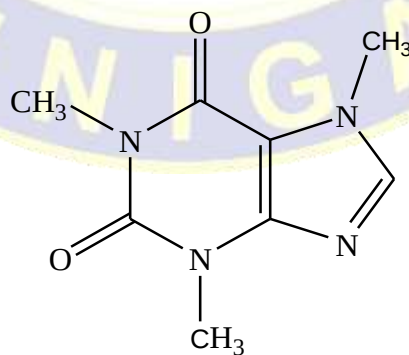
PENENTUAN KADAR OBAT



Gambar IV.7 Bagan penentuan kadar obat pada tablet simulasi dan tablet poldanmig®

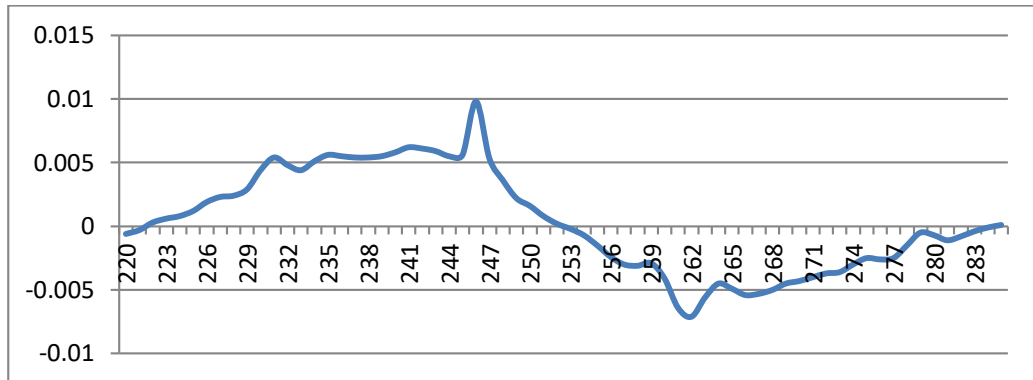
LAMPIRAN 4

STRUKTUR ZAT AKTIF

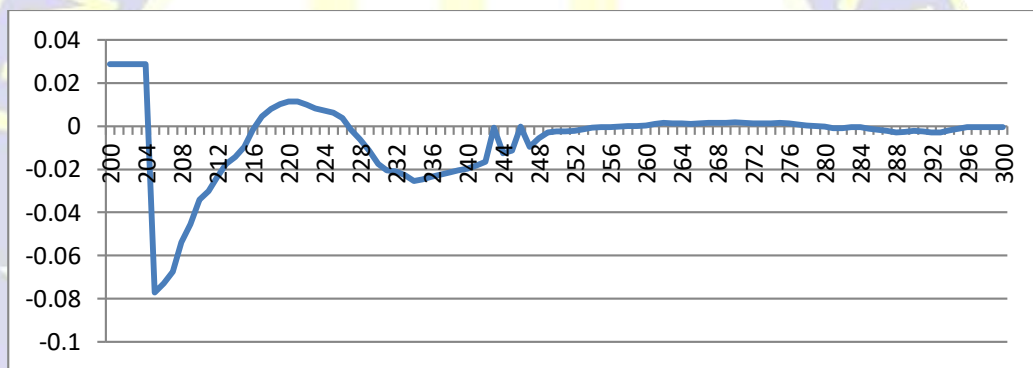
**Gambar 1.1** Rumus struktur parasetamol**Gambar 2.1** Rumus struktur asetosal**Gambar 3.1** Rumus struktur kafein

LAMPIRAN 7

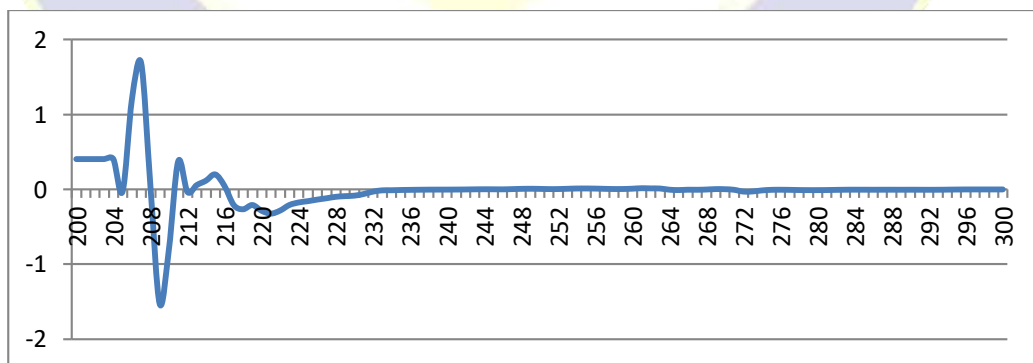
SPEKTRUM DERIVAT ORDE 1



Gambar V.1 Spektrum parasetamol orde 1



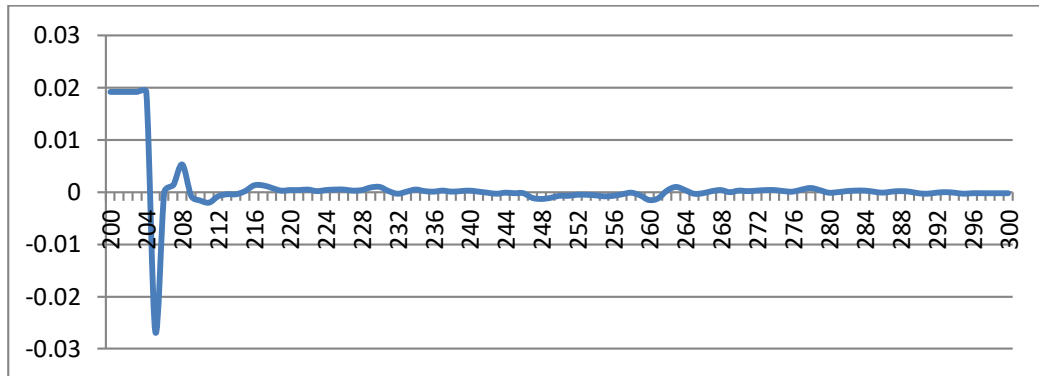
Gambar V.2 Spektrum asetosal orde 1



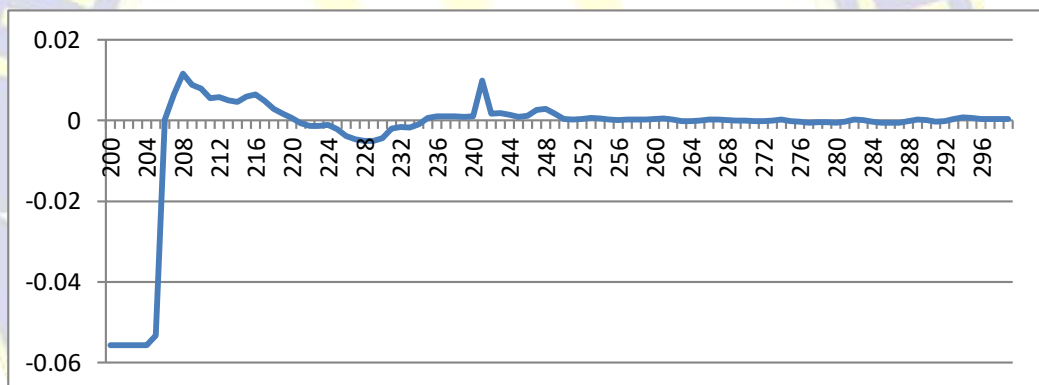
Gambar V.3 Spektrum kafein orde 1

LAMPIRAN 8

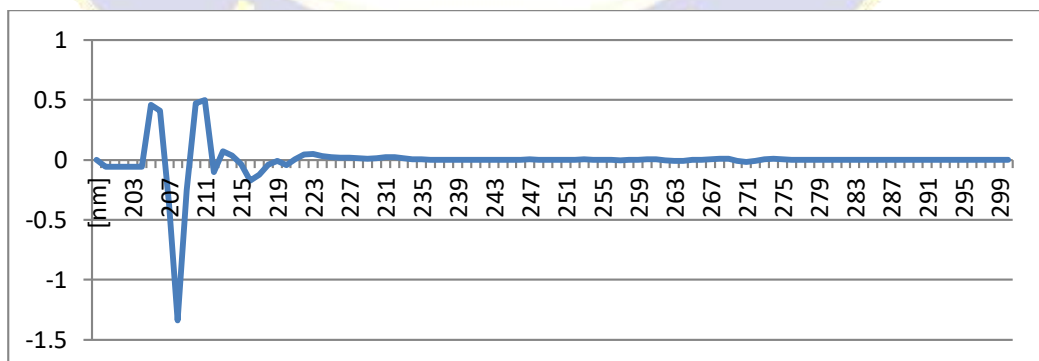
SPEKTRUM DERIVAT ORDE 2



Gambar V.4 Spektrum parasetamol orde 2



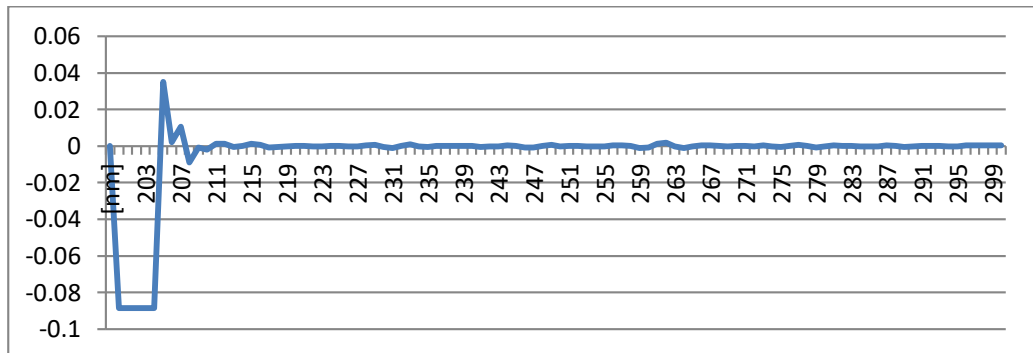
Gambar V.5 Spektrum asetosal orde 2



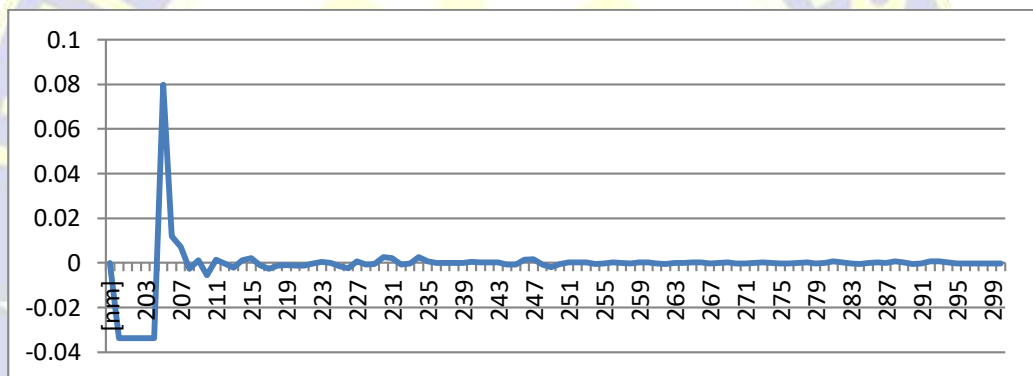
Gambar V.6 Spektrum kafein orde 2

LAMPIRAN 9

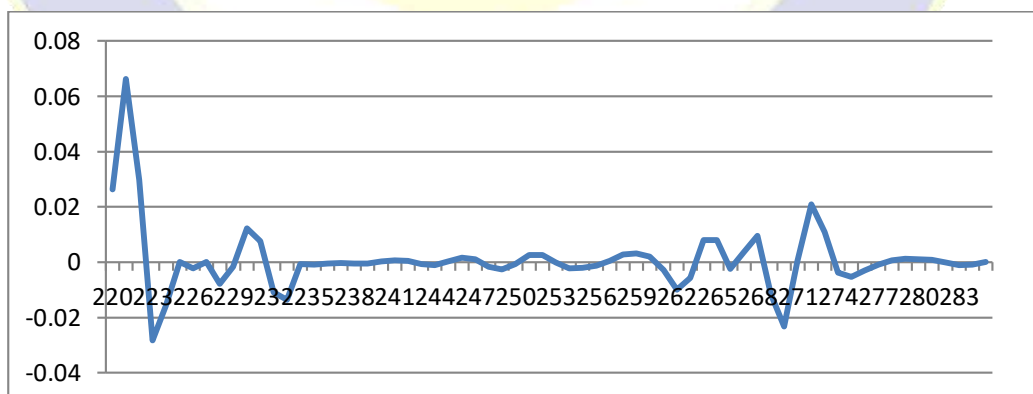
SPEKTRUM DERIVAT ORDE 3



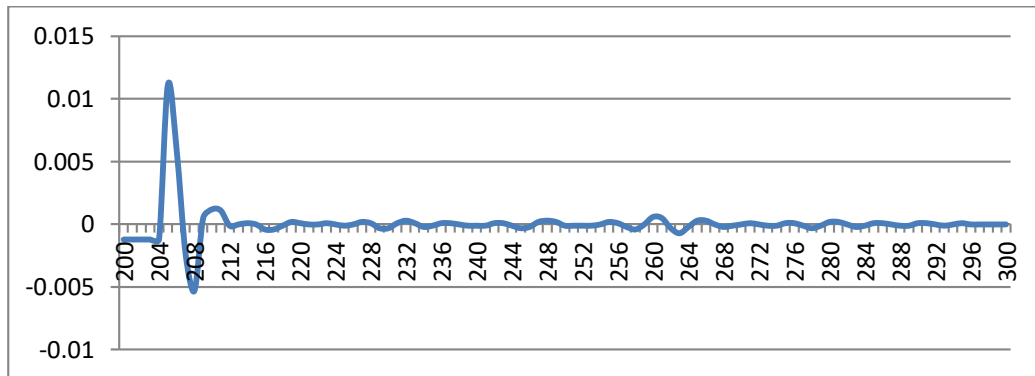
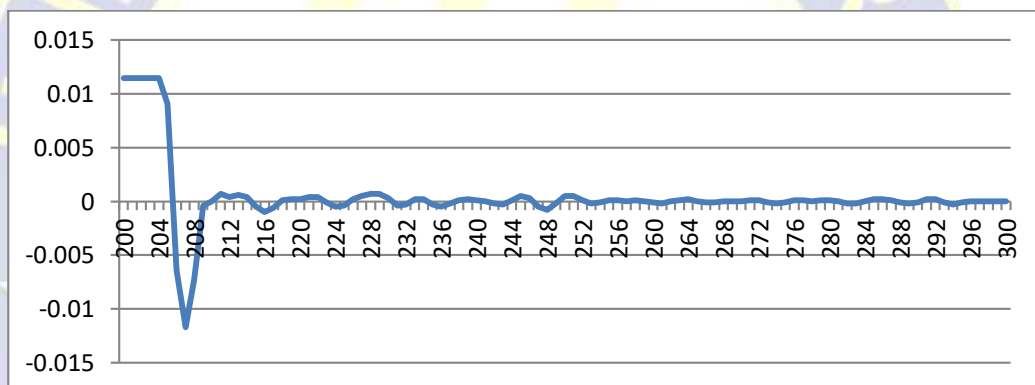
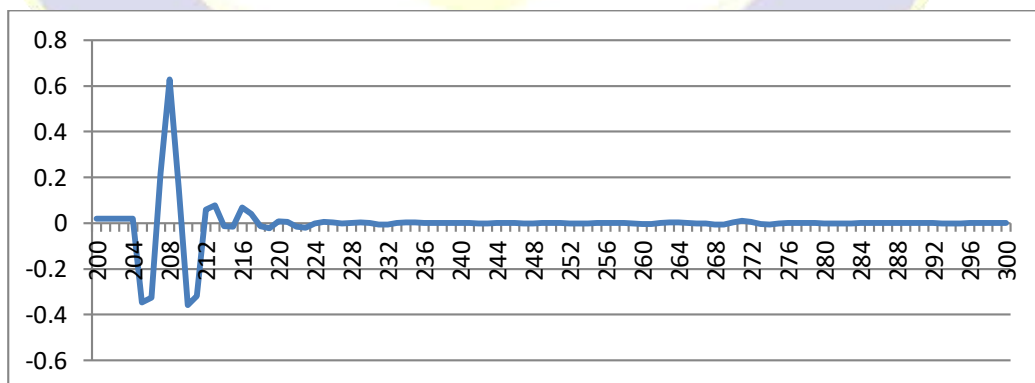
Gambar V.7 Spektrum parasetamol orde 3

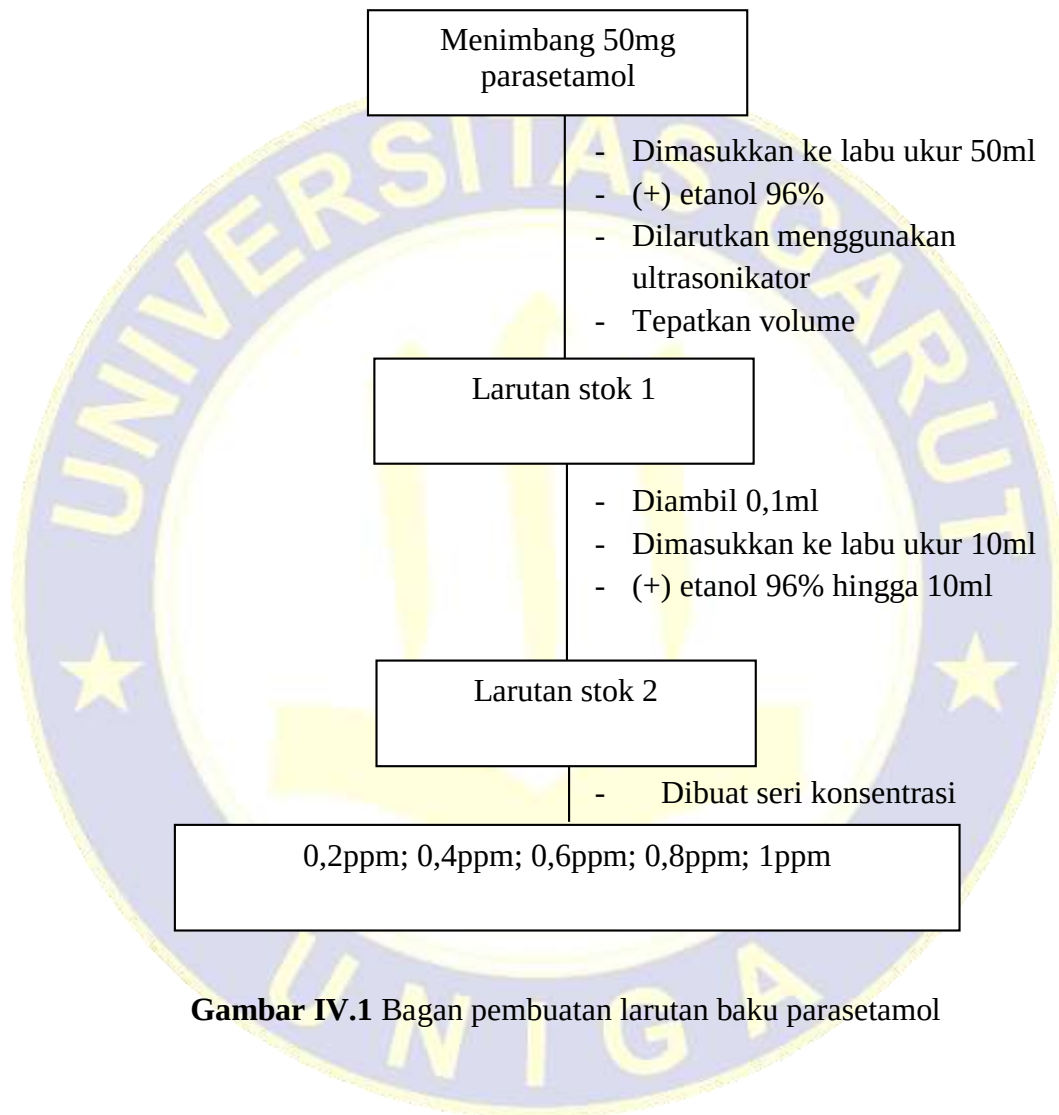


Gambar V.8 Spektrum asetosal orde 3

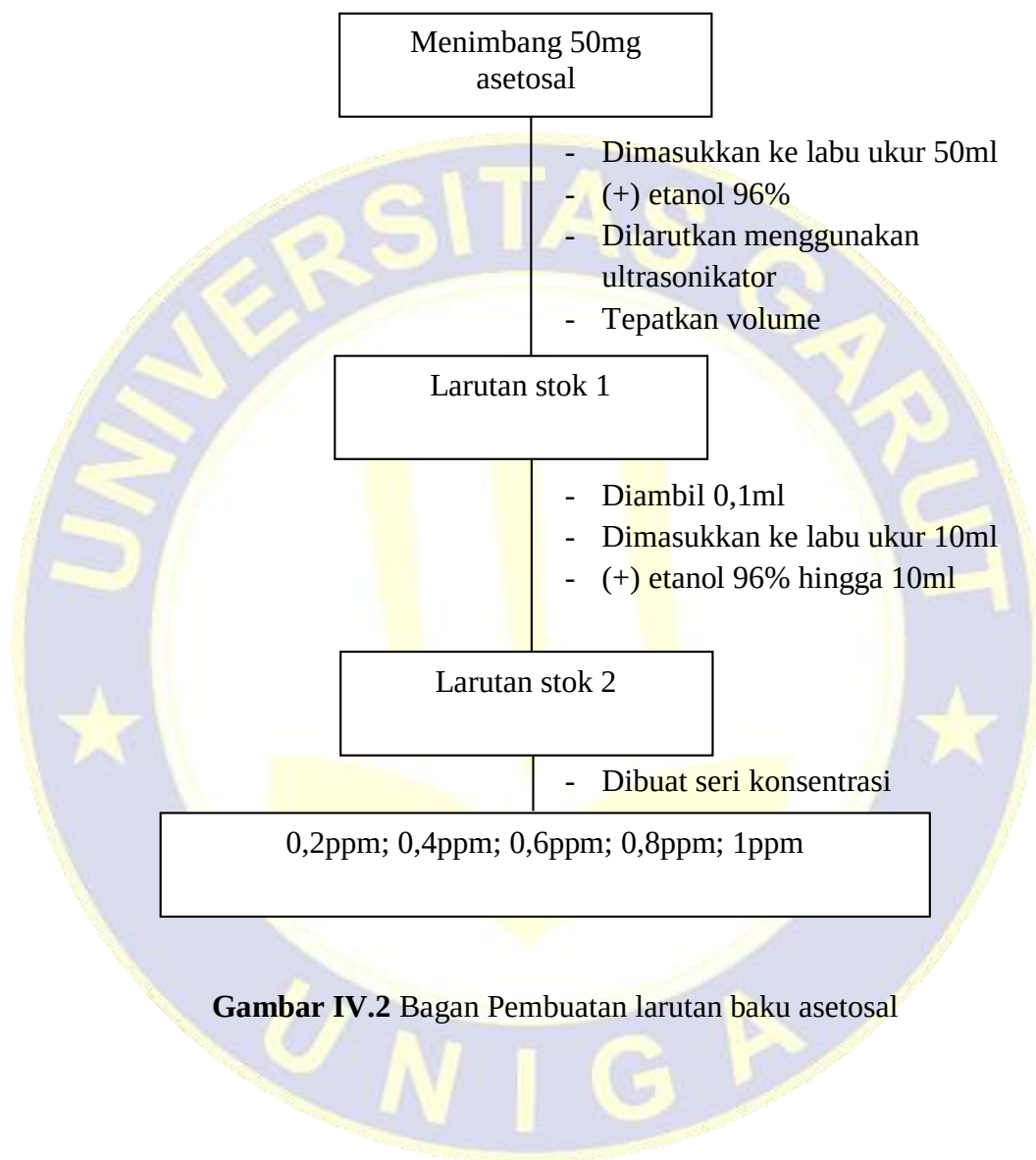


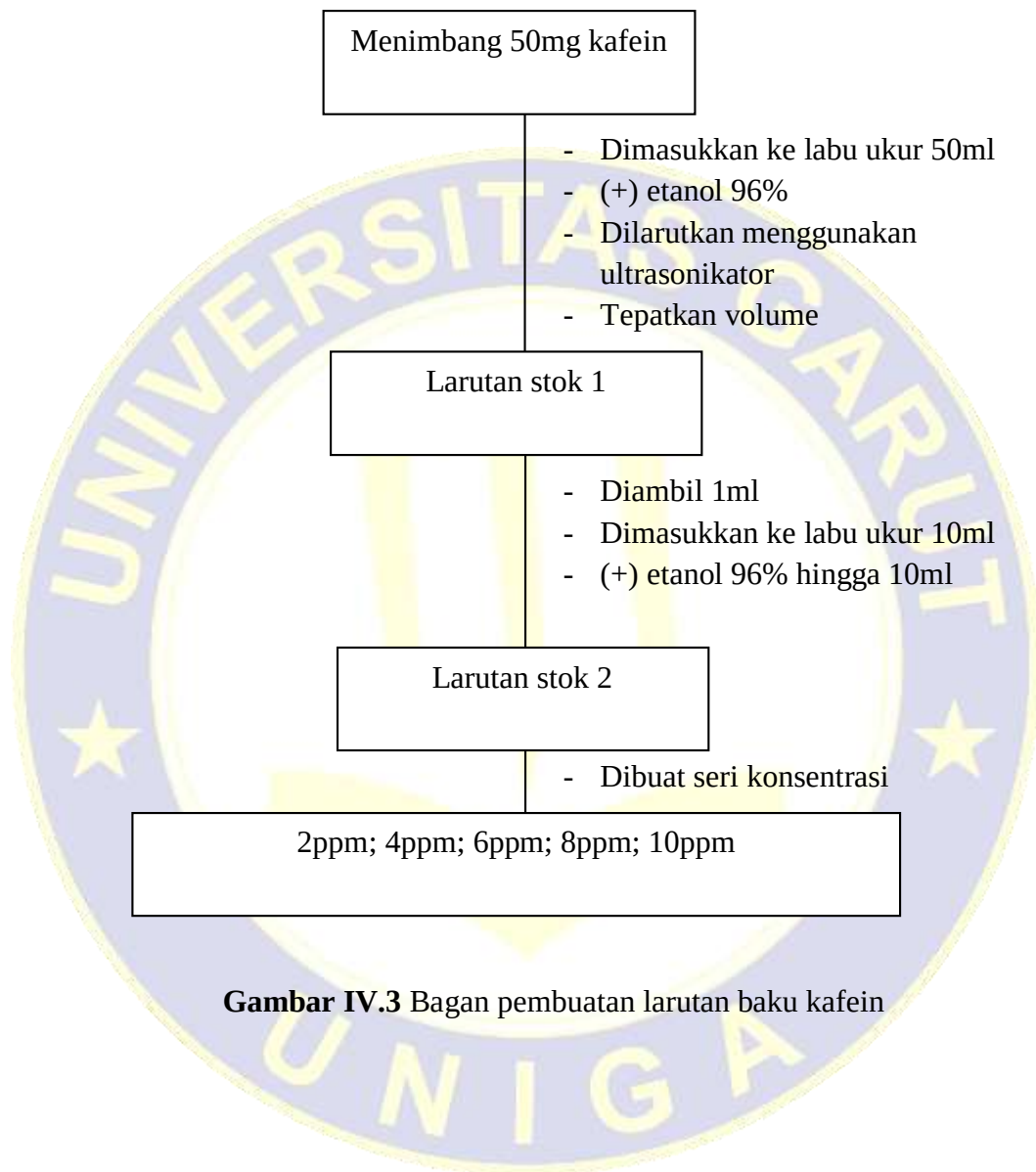
Gambar V.9 Spektrum kafein orde 3

LAMPIRAN 10**SPEKTRUM DERIVAT ORDE 4****Gambar V.10** Spektrum parasetamol orde 4**Gambar V.11** Spektrum asetosal orde 4**Gambar V.12** Spektrum kafein orde 4

LAMPIRAN I**PROSEDUR KERJA PENELITIAN****PEMBUATAN LARUTAN BAKU PARASETAMOL**

Gambar IV.1 Bagan pembuatan larutan baku parasetamol

LAMPIRAN 2**PEMBUATAN LARUTAN BAKU ASETOSAL****Gambar IV.2** Bagan Pembuatan larutan baku asetosal

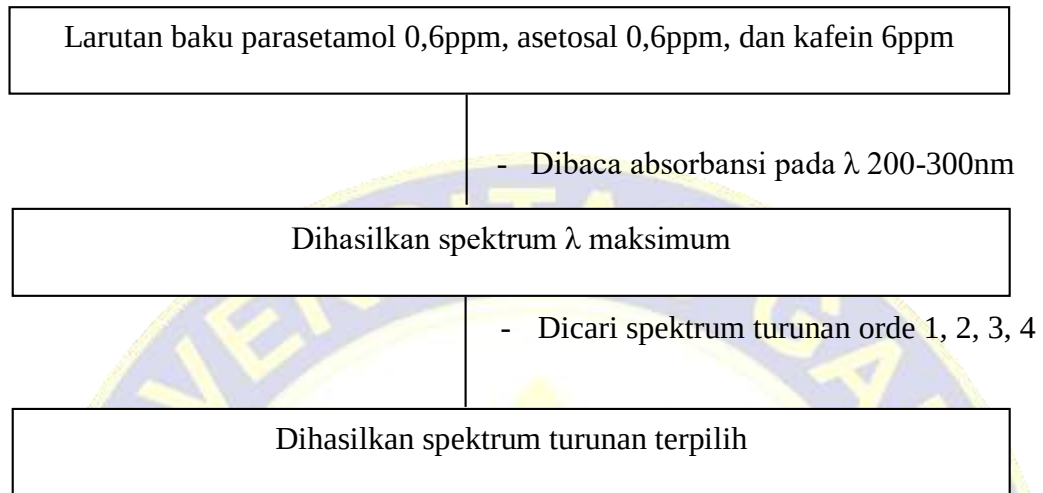
LAMPIRAN 3**PEMBUATAN LARUTAN BAKU KAFEIN****Gambar IV.3** Bagan pembuatan larutan baku kafein

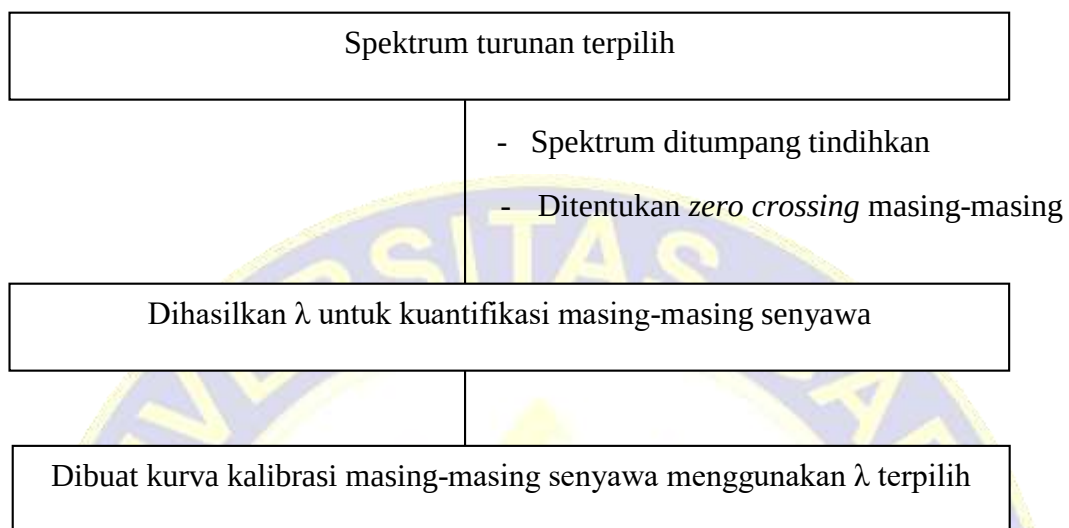
LAMPIRAN 3

(LANJUTAN)



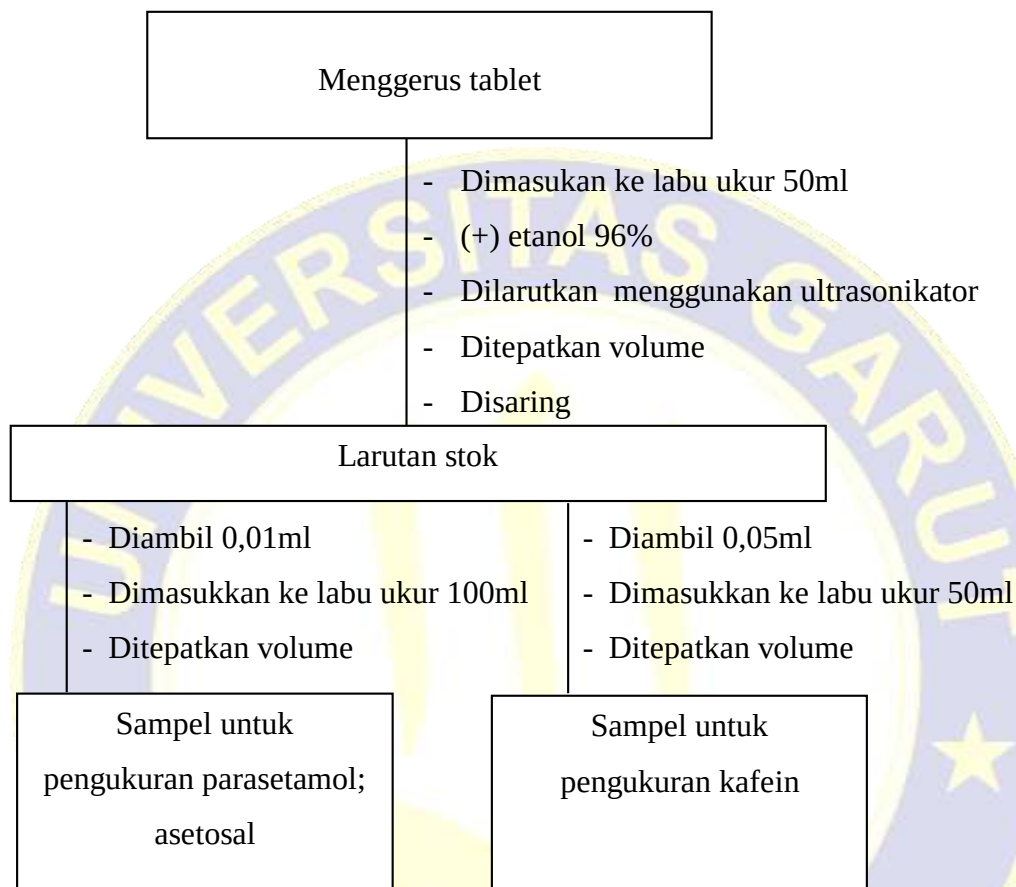
Gambar IV.4 Bagan pembuatan larutan campuran obat

LAMPIRAN 4**PENENTUAN SPEKTRUM****Gambar IV.5** Bagan penentuan spektrum

LAMPIRAN 5**PENENTUAN *ZERO CROSSING*****Gambar IV.6** Bagan penentuan *zero crossing*

LAMPIRAN 6

PENENTUAN KADAR OBAT



Gambar IV.7 Bagan penentuan kadar obat pada tablet simulasi dan tablet poldanmig®