

LAMPIRAN

Lampiran I. Perhitungan volume pembuatan eluen/fase gerak

Diketahui:

Fase gerak= kloroform : metanol (9:1)

Jumlah perbandingan= 9 + 1= 10

Volume total= 50 ml

Dicari:

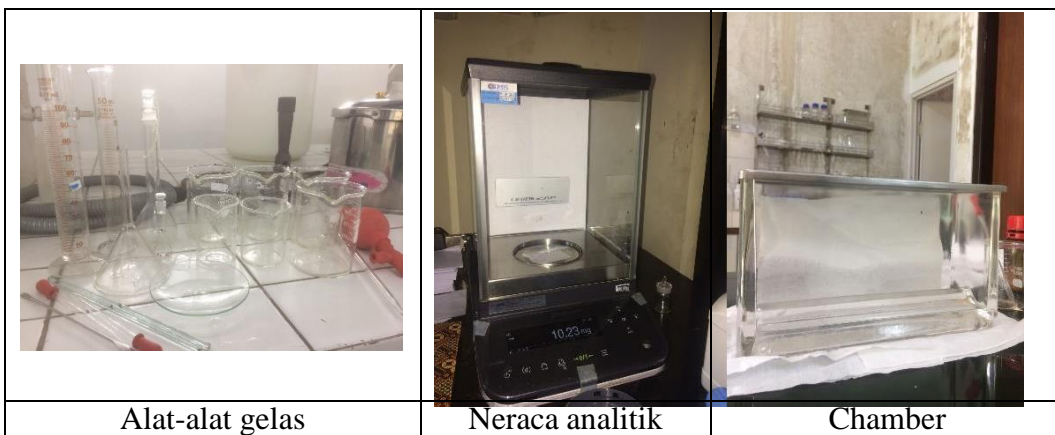
Volume kloroform = $\frac{9}{10} \times 50 \text{ ml} = 45 \text{ ml}$




Volume metanol = $\frac{1}{10} \times 50 \text{ ml} = 5 \text{ ml}$

Lampiran II. Perhitungan harga Rf

Sampel A	Baku Deksametason =	$Rf = \frac{7}{9} =$	0,77
	Kontrol Positif =	$Rf = \frac{7}{9} =$	0,77
	Replikasi 1 =	$Rf = \frac{6,43}{9} =$	0,71
	Replikasi 2 =	$Rf = \frac{6,38}{9} =$	0,71
	Replikasi 3 =	$Rf = \frac{6,3}{9} =$	0,7
Sampel B	Baku Deksametason =	$Rf = \frac{7}{9} =$	0,77
	Kontrol Positif =	$Rf = \frac{7}{9} =$	0,77
	Replikasi 1 =	$Rf = \frac{7}{9} =$	0,77
	Replikasi 2 =	$Rf = \frac{6,85}{9} =$	0,76
	Replikasi 3=	$Rf = \frac{7}{9} =$	0,77
Sampel C	Baku Deksametason =	$Rf = \frac{7}{9} =$	0,77
	Kontrol Positif =	$Rf = \frac{7}{9} =$	0,77
	Replikasi 1 =	$Rf = \frac{0}{9} =$	0
	Replikasi 2 =	$Rf = \frac{0}{9} =$	0
	Replikasi 3 =	$Rf = \frac{0}{9} =$	0

Lampiran III. Peralatan

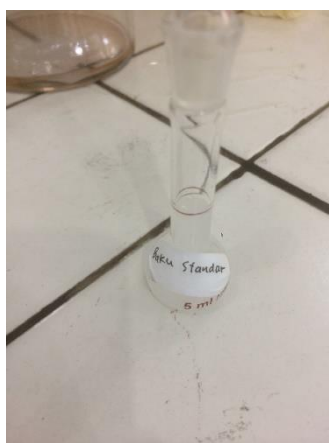
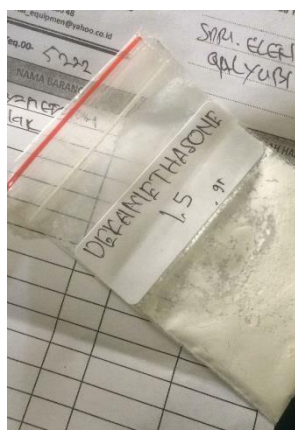


		
Sonikator	Camag UV 254 nm dan 365 nm	Plat silika gel GF 254

Lampiran IV. Sampel penelitian

		
Sampel A (WNT)	Sampel B (DRL)	Sampel C (CLM)

Lampiran V. Sertifikat analisis baku deksametason



CERTIFICATE OF ANALYSIS

Product	Dexamethasone Base	Manufacturing Date	2010.11.20
Batch No.	101103	Report Date	2010.11.25
Criteria	BP93	Retest Date	2015.11.19
Item	Specification (BP-93)	Test result	
Description	White or almost white crystalline powder	white crystalline powder	
Identification	(1) Complies by IR (2) Complies by TLC	Conforms Conforms	
Melting Point	About 255 °C	255°C	
Specific Optical Rotation	+ 75 ° - + 80 °	+ 78.0°	
Loss On Drying	Not More Than 0.5%	0.2%	
Related Substances	Only one principal impurity more than 1.0% and not more than 2.0% Other impurity not more than 1.0%	Conforms Conforms	
Light Absorption	380 - 410	Conforms	
Assay	96.0% - 104.0%	99.82%	
Particle Size	Micronized	Conforms	
Quantity	10KGS		
Conclusion:	The above product complies to BP1993 specification		

Q.A. Manager:

天目天茂科技发展有限公司
 TIANJIN TIANMAO TECHNOLOGY
 DEVELOPMENT CORP. LTD.

Lampiran VI. Penampakan bercak noda plat KLT pada sinar UV 254 nm dan 365 nm

