

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Tretinoin	Dosage Form:	Suspension
Concentration:	10 mg/ml	Shelf Life:	30 days
Route:	Oral	Storage:	Room temp
Volume:	100 ml	Auxiliary Labeling:	Shake Well; Protect from Light; Antineoplastic agent

Ingredients	QS	Quantity	Units
Tretinoin		1	gm
Butylated hydroxyanisole		0.02	gm
Edetate disodium dehydrate		0.1	gm
Soybean oil	Y	100	mL

Directions:

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Weigh and/or measure each ingredient.
3. Add a portion of the soybean oil to the powders and mix well using a disposable mortar and pestle or by the syringe method.
4. Add mixture to calibrated glass amber bottle and add soybean oil to bring the mixture to desired volume.
5. Cap and shake well.

Notes:

- Caution: Antineoplastic agent - preparation, including weighing of materials, requires hazardous chemical precautions.

References:

- McElhiney LF. Inter J Pharm Compounding. 2010; 14(2): 118-23.

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