



Topiramate 6 mg/mL Oral Suspension

Date Prepared: ____ / ____ / 20____

LOT: NS _____

Expiry Date: ____ / ____ / 20____

Final Checked By: _____

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Topiramate 100 mg tablets	Auro, JANSSEN			6 tablets			
Ora-Blend				QS to 100 mL			

Risk Summary:

Always follow policies & procedures for risk assessment/NAPRA level as determined by your own pharmacy department.

Equipment and PPE:

- Mortar and pestle
- Graduated cylinder
- Glass stirring rod
- Standard CHEO Level B PPE (hair bonnet, mask, +/- beard cover, clean gown and nitrile gloves)

Procedure:

Always follow departments training protocols and policies and procedures that are currently in place.

1. Place tablets in mortar and pour a small amount of vehicle over the tablets before levigating.
2. Using the pestle, levigate tablets to create a smooth paste.
3. Continue to levigate, adding vehicle in small amounts until the product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with vehicle and add product to the graduated cylinder.
5. QS to final volume with vehicle.
6. Stir well and transfer to amber bottle. Label bottle appropriately.
7. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: slight yellow tinged opaque suspension
- Packaging: amber plastic bottles
- Storage & BUD: 30 days refrigerated, 24 hours room temperature for patient unit-dose. Protect from light.

Sample Label:



Children's Hospital of Eastern Ontario
Pharmacy Department

Children's Hospital of Eastern Ontario	
Topiramate 6 mg/mL Oral Suspension	
SHAKE WELL. REFRIGERATE. PROTECT FROM LIGHT.	
Quantity:	
LOT:	Expiry:

Reference(s):

- Nahata MC, Hipple TF, Pediatric Drug Formulations, 5th ed. 2004, p 253.
- Medisca Formulation F 008 426, Topiramate 5 to 40 mg/mL (accessed 2020).
- Ferreira AO, Polonini H, da Silva SL, Aglio NCB, Abreu J, Fernandes BMA. Stability of Acetazolamide, Baclofen, Dipyridamole, Mebeverine Hydrochloride, Propylthiouracil, Quinidine Sulfate, and Topiramate Oral Suspensions in SyrSpend SF PH4. Int J Pharm Compd. 2017 Jul-Aug;21(4):339-346.
- Topiramate 6 mg/ml Oral Suspension. Int J of Pharm Compounding. Vol 11, No 6, Nov/Dec 2009.

Formulation Review:

Master Formula Revision Dates: 23jul08; aug 2018; nov 2020 (prt from light); Aug 2021 (changed BUD from 90 days to 30 based on lit review).