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Chromatography Paper Certificate of Analysis

Part number: A120B12
Description: CHROMATOGRAPHY PAPER
Lot. No.: 11002
Expiration Date: N/A

Material Specifications

- Material: Glass microfiber membrane, impregnated with silicic acid
- Dimensions: 4.5" x 12" (11.4 cm x 30.5 cm)
- Appearance: White textured paper

Packaging

- 50 sheets per labeled cardboard box
- Storage Conditions: 15°-30°C (59°-86°F)

Quality Assurance Testing

Functionality Testing:

Qualitative comparative test using the TOXI-LAB® B system. Refer to the TOXI-LAB Instruction Manual for procedural details. Mobile phase: Dichloromethane/Ethyl Acetate (60:40) solution.

TEST	CRITERIA/SPECIFICATIONS	RESULTS
Migration (R_f)	Ethinamate: 0.78 ± 0.03 Secobarbital: 0.61 ± 0.03 Phenobarbital: 0.24 ± 0.03	PASS
Migration time (from origin to solvent front, total distance traveled: 10 cm)	15-20 minutes	Beg: 16'33'' End: 13'56'' Average: 15'14''
Contamination	No other spots present when using Toxi-ab B detection reagents* and procedure.	PASS

*standard TLC detection reagents for barbiturate compounds

Certified by:

Mark Whitson
Quality Control Manager
03-22-2012