

# BROOKSIDE LABORATORIES, INC.

## MEDIA ANALYSIS

Brookside Laboratories, Inc.  
 308 S. Main Street  
 New Knoxville, OH

File Number: 80033  
 Date Received: 05/01/2000  
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Submitted By: Home Office

Lab Number	0138	** SUGGESTED RANGE **	
		Most Media And Plants	Most Pine Bark Media And Plants
Description	Greenhouse A		
pH	6.5	5.5 - 6.6	5.0 - 6.0
PARTS PER MILLION (ppm)			
Soluble Salts *	954	600 - 2000	500 - 1400
Nitrate (NO <sub>3</sub> -N)	76.0	70 - 200	60 - 135
Ammonium (NH <sub>4</sub> -N)	2.0	3 - 20	0 - 20
Phosphorus	2.83	6 - 11	0 - 20
Calcium	53.67	80 - 230	15 - 50
Magnesium	25.12	40 - 120	15 - 50
Potassium	990.20	80 - 250	30 - 80
Sodium	16.83	0 - 40	0 - 50
Sulfur as Sulfate	157.80	30 - 150	
Boron	0.16	0.08 - 0.4	
Iron	0.22	0.5 - 2.5	
Manganese	0.09	0.05 - 2.0	
Copper	0.02	0.003 - 0.35	
Zinc	0.30	0.25 - 2.0	
Aluminum	0.80	0 - 5	
Molybdenum	0.02	0.03 - 0.1	

\* Soluble Salts: mmhos/cm = ppm / 640