

<b>Phyto Technology Laboratories®</b> www.phytotechlab.com All components expressed in mg/L © 2009 <i>Phyto Technology Laboratories®</i>	Chu N6 Vitamin Solution (1000x)	Eriksson Vitamin Solution (1000x)	Gamborg Vitamin Solution (1000x)	Gamborg Vitamin Powder (1000x)	Kao & Michayluk Vitamin Solution (100x)	MS Vitamin Powder (1000x)	MS Vitamin Solution (1000x)	MS Modified Vitamin Powder (1000x)	MS Modified Vitamin Solution (1000x)
COMPONENT	C149	E330	G219	G249	K421	M533	M553	M547	M557
p-Aminobenzoic Acid					2.0				
L-Ascorbic Acid					200.0				
D-Biotin					1.0				
Calcium Pantothenate					100.0				
Choline Chloride					100.0				
Cyanocobalamin, Vit B <sub>12</sub>					2.0				
Folic Acid					40.0				
Glycine	2,000.0	2,000.0				2,000.0	2,000.0	2,000.0	2,000.0
myo -Inositol			100,000	100,000	10,000.0	100,000	100,000	100,000	100,000
Niacinamide					100.0				
Nicotinic Acid	500.0	500.0	1,000.0	1,000.0		500.0	500.0	500.0	500.0
Pyridoxine•HCl	500.0	500.0	1,000.0	1,000.0	100.0	500.0	500.0	500.0	500.0
Retinol, Vit. A					1.0				
Riboflavin					20.0				
Thiamine•HCl	1,000.0	500.0	10,000.0	10,000.0	100.0	100.0	100.0	1,000.0	1,000.0
Grams of powder to prepare 1 liter	N/A	N/A	N/A	11.2	N/A	103.1	N/A	104	N/A
pH±0.5 at RT	4.25	3.75	4.25	NS	NS	4.00	4.00	4.00	3.75
NS = No Specification Established									

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COMPONENT	M587	M592	N603	N608	S743	S826
p-Aminobenzoic Acid					50.0	
L-Ascorbic Acid						
D-Biotin	1.0	1.0	50.0	50.0	100.0	
Calcium Pantothenate	100.0	100.0			100.0	
Choline Chloride					100.0	
Cyanocobalamin, Vit B <sub>12</sub>					0.150	
Folic Acid			500.0	500.0	50.0	
Glycine			2,000.0	2,000.0		
myo -Inositol	10,000.0	10,000.0	100,000.0	100,000.0	10,000.0	100,000.0
Niacinamide					200.0	
Nicotinic Acid	100.0	100.0	5,000.0	5,000.0		500.0
Pyridoxine•HCl	100.0	100.0	500.0	500.0	200.0	50.0
Retinol, Vit. A						
Riboflavin					50.0	
Thiamine•HCl		100.0	500.0	500.0	100.0	500.0
Grams of powder to prepare 1 liter	NA	NA	N/A	108.6	N/A	101.05
pH±0.5 at RT	NS	NS	NS	3.75	NS	4.00
NS = No Specification Established						

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