

species	formula weight (g/mol)	formula weight (g/mol)	actual mass (g)	actual # moles (mol)		analytic form	formula weight (g/mol)	published mass concentration	actual mass concentration	
$(\text{NH}_4)\text{H}_2\text{PO}_4$	115	115	23.80	0.207		ammonical nitrogen	14	5.0%	5.0%	
$(\text{NH}_4)_2\text{HPO}_4$	132	132	9.90	0.075		nitrate nitrogen	14	6.0%	6.0%	
KNO_3	101	101	43.00	0.426		urea nitrogen	14	9.0%	9.0%	
urea	60	60	19.30	0.322		total nitrogen	14	20.0%	20.0%	
inert filler			4.00			phosphate	P2O5	142	20.0%	20.0%
total mass			100.00			potassium	K2O	94	20.0%	20.0%