



ELECTROLYTE FORMULATION REQUEST

Date: _____ Customer Specification Number: _____
(if applicable)

Organization: _____

Name of Technical Contact: _____
Phone Number: () _____ Specification Revision Number: _____
Fax Number: () _____ (if applicable)
Email Address: _____

Please identify the purpose of this request:

- SMALL SCALE DEVELOPMENT COMMERCIAL SCALE PRODUCTION
- OTHER (PLEASE LIST): _____

INSTRUCTIONS: Please fill in this form as completely as possible. Upon completion, please return to your Novolyte representative along with a copy of your formal specification (should one exist).

ELECTROLYTE TARGET COMPOSITION				
	Component Name	Target	Units of Measure (vol%, wt%, M) ¹	Tolerance ²
Solvent 1			Wt%	
Solvent 2			Wt%	
Solvent 3			Wt%	
Solvent 4			Wt%	
Salt 1			Wt%	
Salt 2			Wt%	
Additive 1			Wt%	
Additive 2			Wt%	

¹Units must be converted to wt% for production and reporting purposes. Novolyte can calculate the conversion (if necessary) at the customer's request.

²Suggested tolerances are +/- 1.0% for solvent components and +/- 0.5% for salt components. These limits are practical for both analysis and production. Smaller tolerances will be evaluated on an individual basis. Additives (compounds 3% or less) are usually reported from a calculation of the weight added. Actual analysis will depend on analytical capability and may require extra time for development of methods.

PROPERTIES AND IMPURITIES			
	Units	Minimum	Maximum
Density ³	g/ml		
Conductivity ³	To be determined		
Water	ppm		
Acidity (or pH)			
Color	APHA		

³Density is typically reported at 20° C and conductivity at 25° C. Density and conductivity should not be more restrictive than the composition tolerances. If the target density is not known, Novolyte can estimate it, but the actual electrolyte density may be slightly different. Inter-laboratory agreement on conductivity is more variable, and at least two solutions must be prepared by Novolyte before agreeing to a specification.

Please use page 2 to list any special requirements



Special Requirements:

Novolyte Disclaimer: The price offer corresponding to the formulation listed above is valid for 30 days and is subject to change depending on mutually agreed upon specifications. Specifications may need to be adjusted during scale up to accommodate equipment capabilities.

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