



Mixture Grade Specifications

Calibration Standards Specifications					
Mixture Grade	Concentration Range			Blend Tolerance	Certification Accuracy
EPA Protocol	*2ppm	To	*25ppm	± 10% of component	Expressed as the Expanded Uncertainty (U)
	*26ppm	To	50%	± 5% of component	Expressed as the Expanded Uncertainty (U)
Primary Lab Master (NIST Traceable)	1%	To	50%	± 2% of component	± 1% of component or ± 0.02% absolute, whichever is smaller
	100ppm	To	9,999ppm	± 5% of component	± 2% of component
	*1ppm	To	*99ppm	± 10% of component	± 5% of component
Primary Standard	1%	To	50%	± 2% of component	± 1% of component or ± 0.02% absolute, whichever is smaller
	100ppm	To	9,999ppm	± 5% of component	± 2% of component
	*1ppm	To	*99ppm	± 10% of component	± 5% of component
Certified Standard	1%	To	50%	± 5% of component	± 2% of component
	*50ppm	To	9,999ppm	± 10% of component	± 5% of component
	*1ppm	To	*49ppm	± 20% of component	± 10% of component
Uncertified	0.1%	To	49.9%	± 10% of component	Not Analyzed
	*1ppm	To	*999ppm	± 20% of component	Not Analyzed
Preparation tolerances is the maximum deviation from the desired concentration of the minor component. Certification Accuracy is the maximum deviation from the reported values of the minor component. * Blend Tolerance subject to change depending on minor component.					