AS IS (NON-CONFORMING)			UNCERTAINTY PARTS of e RESTORED 1			UNCERTAINTY PARTS of e RESTORED 2			UNCERTAINTY PARTS of e RESTORED 3			CORRECTION FACTOR ALTERED 1			CORRECTION FACTOR ALTERED 2			CORRECTION FACTOR ALTERED 3	
Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*		Planck constant	*uncertainty parts*
Js 6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*	*Js*	6.62607015E-34	*NONE*
Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*		Lightspeed	*uncertainty parts*
m/s 299,792,458	*NONE*	*m/s*	299,792,458	*NONE*	*m/s*	299,792,458	*NONE*	*m/s*	299,792,458	*NONE*	*m/s*	299,792,458	*NONE*	*m/s*	299,792,458	*NONE*	*m/s*	299,792,458	*NONE*
Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*		Elementary charge	*uncertainty parts*
C 1.602176634E-19	*NONE*	*C*	**1.60217663399797E-19**	***99797***	*C*	**1.60217663346680E-19**	***46680***	*C*	**1.60217663328115E-19**	***28115***	*C*	1.602176634E-19	*NONE*	*C*	1.602176634E-19	*NONE*	*C*	1.602176634E-19	*NONE*
Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*		Vacuum Permittivity	*uncertainty parts*
Farad / m 8.85418781273731E-12	***73731***	*Farad / m*	8.8541878127373 1E-12	***73731***	*Farad / m*	8.85418781273731E-12	***73731***	*Farad / m*	8.8541878127373 1E-12	***73731***	*Farad / m*	8.85418781275971E-12	***75971***	*Farad / m*	8.85418781863065E-12	***63065***	*Farad / m*	8.85418782068305E-12	***68305***
Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*		Vacuum Permeability	*uncertainty parts*
Henry / m 1.25663706212895E-06	***2895***	*Henry / m*	1.25663706212895E-06	***2895***	*Henry / m*	1.25663706212895E-06	***2895***	*Henry / m*	1.25663706212895E-06	***2895***	*Henry / m*	1.25663706212577E-06	***2577***	*Henry / m*	1.25663706129253E-06	***9253***	*Henry / m*	1.25663706100125E-06	***100125***
Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*		Correction *FACTOR*	*uncertainty parts*
1.0000000005515	***15***		**1.0000000005515**	***15***		**1.0000000005515**	***15***		**1.0000000005515**	***15***		**1.00000000054897**	***897***		**0.9999999998859**	***59***		**0.9999999996541**	***41***
Calculated			***Calculated***			***Calculated***			***Calculated***			***Calculated***			***Calculated***			***Calculated***	
Fine Structure Constant			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*	
0.007297352569330	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352562781	*uncertainty parts*
its inverse 137.03599908314	***14***	*its inverse*	**137.03599908349**	***49***	*its inverse*	**137.03599917435**	***35***	*its inverse*	**137.03599920611**	***11***	*its inverse*	**137.03599908349**	***49***	*its inverse*	**137.03599917435**	***35***	*its inverse*	**137.03599920611**	***11***
CODATA-2018 suggested			***CODATA-2018 suggested***			***CODATA-2018 suggested***			***CODATA-2018 suggested***			***CODATA-2018 suggested***			***CODATA-2018 suggested***			***CODATA-2018 suggested***	
Fine Structure Constant			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*	
0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*		0.007297352569311	*uncertainty parts*
its inverse 137.03599908349	***49***	*its inverse*	**137.03599908349**	***49***	*its inverse*	137.03599908349	***49***	*its inverse*	137.03599908349	***49***	*its inverse*	**137.03599908349**	***49***	*its inverse*	137.03599908349	***49***	*its inverse*	137.03599908349	***49***
QED-measured			***QED-measured***			***QED-measured***			***QED-measured***			***QED-measured***			***QED-measured***			***QED-measured***	
Fine Structure Constant			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*	
0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*		0.007297352564473	*uncertainty parts*
its inverse 137.03599917435	***35***	*its inverse*	137.03599917435	***35***	*its inverse*	**137.03599917435**	***35***	*its inverse*	137.03599917435	***35***	*its inverse*	137.03599917435	***35***	*its inverse*	**137.03599917435**	***35***	*its inverse*	137.03599917435	***35***
Guellati-Khelifa et al.			***Guellati-Khelifa et al.***			***Guellati-Khelifa et al.***			***Guellati-Khelifa et al.***			***Guellati-Khelifa et al.***			***Guellati-Khelifa et al.***			***Guellati-Khelifa et al.***	
Fine Structure Constant			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*			*Fine Structure Constant*	
0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*		0.007297352562781	*uncertainty parts*
its inverse 137.03599920611	***11***	*its inverse*	137.03599920611	***11***	*its inverse*	137.03599920611	***11***	*its inverse*	**137.03599920611**	***11***	*its inverse*	137.03599920611	***11***	*its inverse*	137.03599920611	***11***	*its inverse*	**137.03599920611**	***11***
Lightspeed crosscheck	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*		***Lightspeed crosscheck***	*uncertainty parts*
m/s 299,792,458.000000	***YES (!)***	*m/s*	299,792,458.000000	***YES (!)***	*m/s*	299,792,458.000000	***YES (!)***	*m/s*	299,792,458.000000	***YES (!)***	*m/s*	299,792,458.000000	***YES (!)***	*m/s*	299,792,458.000001	***YES (!)***	*m/s*	299,792,458.000000	***YES (!)***