



Sigma-Aldrich Toluene Specifications Comparison						
	CHROMASOLV Plus	CHROMASOLV for HPLC	Anhydrous	ACS Spectro-photometric	ACS	ReagentPlus
Purity	≥99.9%	99.90%	99.80%	≥99.5%	≥99.5%	99%
UV Absorption						
λ: 284 nm	≤1.00					
λ: 286 nm				≤1.00		
λ: 288 nm				≤0.50		
λ: 290 nm		≤0.30				
λ: 293 nm				≤0.20		
λ: 300 nm	≤0.10			≤0.10		
λ: 310 nm		≤0.05		≤0.05		
λ: 325 nm	≤0.02					
λ: 335 nm				≤0.02		
λ: 350 nm	≤0.005	≤0.004		≤0.01		
λ: 400 nm	≤0.005			≤0.01		
Total Impurities						
Water	≤0.02%	≤0.02%	≤0.001% ≤0.005% (100mL)	≤0.03%	≤0.03%	
Evaporation Residue	≤0.0001%	≤0.0005%	≤0.0005%	≤0.0004%	≤0.001%	
Halogenated Residue	≤10 ng/L (as Heptachlor epoxide)					
Titratable acid		≤0.001% free acid (as HCl)				
Sulfur compounds				≤0.003%	≤0.003%	
Thiophene		≤0.0005%				
Packaging Options						
	CHROMASOLV Plus	CHROMASOLV for HPLC	Anhydrous	ACS Spectro-photometric	ACS	ReagentPlus
Glass Bottle	650579	34866		155004	179418	179965
PVC Coated Bottle		648566			320552	
Sure/Seal™			244511			
Aluminum Bottle					676756	
NOWPAK™		34866				
Pure-Pac™		34866	244511			
Carbon Steel					179418	179965