

## STYRENE MONOMER

#	COMPONENT	UNIT	Analytical Method	Specification
1	Styrene Monomer ( Purity)	Wt%	ASTM D5135	Min 99.75%
2	C8 (EB+Xylenes)	ppmwt		Max 600
3	C9 (Aromatics+ $\alpha$ -Ms)	ppmwt		Max 800
4	$\alpha$ -MS	ppmwt		Max 400
5	Phenylacethylene	ppmwt		Max 180
6	Ethylbenzene	ppmwt		Max 500
7	colour	APHA	ASTM D1209	Max 10
8	polymer	ppmwt	ASTM D2121	Max 10
9	Sulpher as S	ppmwt	ASTM D 5453	Max 2
10	Chloride as Cl	ppmwt	ASTM D4929	Max 2
11	Inhibitor as TBC	ppmwt	ASTM D4590	Max 20
12	Aldehyde as Benzaldehyde	ppmwt	ASTM D2119	Max 100
13	Peroxide as $H_2O_2$	ppmwt	ASTM D2340	Max 50

Source: Petrochemical Commercial Co.