



LIFLY CHEMICALS, INC

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Specification

PRODUCT NAME: Styrene Monomer

ANALYSIS ITEMS	INDEX	TEST METHOD
Appearance	Transparent liquid, no mechanical impurities and free water	Visual
Purity, % (m/m)	≥ 99.8	GC
Polymer, mg/kg	≤ 10	ASTM D2121
Peroxide, mg/kg	≤ 50	GC
Aldehyde (as benzaldehyde)	≤ 100	GC
Chromaticity/Hazen, (Pt-Co)	≤ 10	ASTM D1209
Ethylbenzene %	≤ 0.08	ASTM D5135
Inhibitor (TBC), mg/kg	10-15	GC
Phenylacetylene, mg/kg	≤ 200	ASTM D5135
Water, mg/kg	≤ 100	ASTM E203
Benzene, mg/kg	≤ 0.2	GC