

SPECIFICATION

Product : Styrene Monomer [ASTM]

CAS No : 100-42-5

Property	Unit	Limits	Method
Appearance	—	Clear and free of suspended material	ASTM E2680
Colour (Pt-Co)	APHA	15 max	ASTM D5386
Purity (Styrene)	% Wt	99.80 min	ASTM D5135
Ethylbenzene	mg/kg	500 max	ASTM D5135
Benzene	mg/kg	1 max	GC-MS / ASTM D6229 (mod)
Aldehydes (as Benzaldehyde)	ppm	100 max	ASTM D2119
Polymer	ppm	10 max	ASTM D2121 / D2121(A)
Inhibitor (as TBC)	mg/kg	10-15	ASTM D4590
Peroxides (as H ₂ O ₂)	mg/kg	50 max	ASTM D2340
Water	mg/kg	200 max	ASTM E1064

Date: 01/01/2025

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