

PRODUCT SPECIFICATION

STYRENE MONOMER

PS-SMP-01

Rev. 13


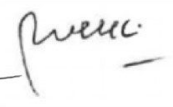

NO.	PROPERTY	UNIT	SPECIFICATION	TEST METHOD
1	Purity	wt%	99.8 min.	ASTM D5135-21
2	Aldehydes as Benzaldehyde	wt%	0.01 max.	ASTM D5135-21*
3	Peroxides as H ₂ O ₂	mg/kg	50 max.	ASTM D2340-18
4	Polymer	mg/kg	10 max.	ASTM D2121-16 Test method A
5	Inhibitor	mg/kg	10 to 15 max. (or as required)	ASTM D4590-18
6	Ethylbenzene	mg/kg	500 max.	ASTM D5135-21
7	Benzene	mg/kg	1 max.	ASTM D5135-21*
8	Water	mg/kg	If needed	ASTM E1064-16
9	Color	Pt/Co	10 max.	ASTM D1209-19
10	Appearance	-	Clear and Bright	ASTM E2680-16

Based on ASTM D2827-19

REMARK

*) ASTM D-5135-21 has been verified in SM Lab and fit for purpose to determine Aldehyde as Benzaldehyde & Benzene in Styrene product

Effective date : **6-July-2021**

CLD Manager	Styrene Prod. GM	MFD GM	PNO GM	Senior GM
				
Busra Irawan	Syafri Rustam	Lingga W	S. Subekti	Boedijono H

Historical of revision

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|-----------------------|--|
| 1. Rev.00, 1994 | : Original Product Spec |
| 2. Rev. 12, Sept 2011 | : Updated product spec refer to latest standard method |
| 3. Rev. 13, Jul 2021 | : Replace logo SMI with logo CAP and updated latest standard Method in Y2021 |