

HINDUSTAN POLYAMIDES AND FIBRES LTD.

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RAW MATERIAL SPECIFICATION

Product	: MYRCENE		
Chemical Name	: 7-Methyl-3-methylene-1,6-octadiene;		
Synonyms	: Myrcene; Beta-myrcene		
CAS No.	: 123-35-3	Formula	: C₁₀H₁₆
Flash Point	: 39°C	FEMA	: 2762
Molecular Weight	: 136.24		
Odour	: Sweet, terpinic tender mango cut like		

ANALYTICAL SPECIFICATION

*	<i>Appearance</i>	: Clear colorless to pale yellow liquid
	<i>Specific Gravity @ 15/15^oC</i>	: 0.8000 – 0.8100
	<i>Specific Gravity @20/20^oC</i>	: 0.7870 - 0.7980
	<i>Refractive Index @ 20^oC</i>	: 1.4680 – 1.4740
*	<i>Purity by GLC Myrcene %</i>	: 78.00 min
	<i>GLC Impurity profile</i>	: To match standard.
	<i>GC – delta -3-Carene %</i>	: 1.50 max
	<i>Residue (Cohobation /Distillation) %</i>	: 2.5 max
	<i>Acid Value mg KOH/gm</i>	: 1.0 max
*	<i>Moisture %</i>	: 0.1 max
	<i>BHT %</i>	: 0.03 - 0.06

* Routine Analysis

OTHER REQUIREMENTS

Packaging type	: SS 316 Tank Container / GI drums
COA	: All parameters to be analyzed and reported in COA with HPFL order No. and Lot No. and Lot Quantity.
Label	: Label with Product name, Lot No., Date of manufacturing, Date of Expiry and Pack quantity.
Shelf Life	: 1 year (75% of shelf life should remain when received at HPFL)