

HINDUSTAN POLYAMIDES AND FIBRES LTD.

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RAW MATERIAL SPECIFICATION

Product	: PARA-TERT-BUTYLPHENOL		
Chemical Name	: 4-tert-butyl phenol		
Synonyms	: para tert.butyl phenol, PTBP		
CAS No.	: 98-54-4	Formula	: C ₁₀ H ₁₄ O
Flash Point	: 118°C		
Molecular Weight	: 150.2		
Odour	: Characteristic odour		

ANALYTICAL SPECIFICATION

*	<i>Appearance</i>	:	White crystalline solid (Clear colorless when liquid)
	<i>Melting Point °C</i>	:	98.0 min
* #	<i>Purity by GLC %</i>	:	99.80 min
*	<i>3-ter-butyl Phenol by GLC %</i>	:	0.2 max
*	<i>Phenol by GLC %</i>	:	0.1 max
*	<i>2,6 Di-tert-Butyl Phenol By GLC</i>		
		%	: 0.005 max.
	<i>Moisture %</i>	:	0.040 max

* Routine Analysis

Purity value is MTBP + PTBP

OTHER REQUIREMENTS

Packaging type	: 25 kg paper bags, Cartons
COA	: All parameters to be analyzed and reported in COA with HPFL order No., Lot No. and Lot Quantity.
Label	: Label with Product name, Lot No., Date of manufacturing, Date of Expiry and Pack quantity.
Shelf Life	: 75% of shelf life should remain when received at HPFL