



KERALA STATE DRUGS AND PHARMACEUTICALS LTD,
KALAVOOR PO, ALAPPUZHA, KERALA-688522

Raw Material Specification

Name of the Material: CAMPHOR I.P./B.P.			
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/51
Effective date:	05/02/2025	Revision No:	02
		Item code:	10400026

Sl.No.	TESTS	SPECIFICATION
1	Description	Colourless or white crystals, granules or crystalline masses or colourless to white, translucent tough masses, odour penetrating, aromatic and pungent.
2	Solubility	Soluble in 800 parts of water, in 1 part of alcohol, in 0.5 part of chloroform and in 1 part of solvent ether. Freely soluble in fixed oils and in volatile oils.
3	Identification	Volatilises at ordinary temperature and readily burns with a bright smoky flame.
4	Melting range	174 ⁰ to 179 ⁰
5	Specific rotation	Determined in a 10% w/v solution of camphor in alcohol +41 ⁰ to +43 ⁰
6	Water	A 10% w/v solution in light petroleum (B.P. 40 ⁰ to 60 ⁰) is clear.
7	Non volatile matter	Leaves not more than 0.05 % of residue when volatalised at 105 ⁰ .
8	Assay	Not less than 96%

Prepared by	Checked by	Reviewed By	Approved By	MASTER COPY UNCONTROLLED COPY
Officer QA	QC Head	Production Head	QA Head	
03/02/2025	04/02/2025	05/02/2025	05/02/2025	