



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR VANILLIN IP

Manufacturer Name:		Supplier Name:
Manufacturer's Batch No.:		Manufacturer's Batch Size:
Manufacturing Date:		Expiry Date:
Quantity received:		Sample Quantity:
Document No.:	Effective Date.:	Change Control No.:
Control No./A.R.No.:		Retest Date:

Reference: IP 1996 (Page No : 795)

Description: White or slightly yellow, crystalline needles or powder; odour, characteristic of vanilla; free from foreign particles..

Complies/Does Not Comply

Solubility: Freely Soluble in ethanol (95%) and in methanol (1 in 1-10); soluble in ether(1 in 10-30); slightly soluble in water(1 in 1000-10000). It dissolves in dilute solutions of alkali hydroxides.

Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification A or B,C,D	IP		Note : Routinely Identification A is carried out.	
	A. IR			A.The infra-red absorption spectrum is concordant with the <i>reference spectrum of vanillin RS.</i>	



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S.No.	Test	Reference	Result	Specification	Remark
2.	Identification A or B,C,D (continued) B. TLC C. Precipitation reaction D. Melting point			<p>B. Principal spot in chromatogram with solution (2) corresponds with the spot in chromatogram with solution (4).</p> <p>C.A white precipitate is produced.</p> <p>D. Between 81° and 84°</p>	
3.	Clarity and colour of Solution	IP		A 5% w/v solution in Ethanol (95%) is clear and not more intensely coloured than reference solution BS6.	
4.	Related Substances	IP		Any secondary spot in the chromatogram obtained with solution (1) is not more intense than with the spot in the chromatogram obtained with solution (3).	
5.	Sulphated Ash	IP		Not more than 0.1 %	
6.	Loss on drying	IP		Not more than 1.0 %	
7.	Assay as of C₈H₈O₃ (on dried basis)	IP		Not less than 99.0 % and not more than 101.0 %	



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Raw Data Reference :

Analyst Nam:

Analyst Name:

Analyst Name:

Analyst Note Book No. :

Page No. :

Analyst Note Book No. :

Page No. :

Analyst Note Book No. :

Page No. :

Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____

Date : _____

Checked By : _____

Date : _____

Approved By : _____

Date : _____