PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR TRIETHYLCITRATE USP

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

Reference : USP

Description : Practically colourless, oily liquid.
Complies/Does Not Comply

Solubility : Soluble in water (1 in 10-30), miscible with alcohol, and with ether
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1	Identification A. IR	USP		A. IR absorpton spectrum of test exhibits maxima only at the same wavelength as that of a similar preparation of the corresponding reference standard.	

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S.No.	Test	Reference	Result	Specification	Remark
1.	Identification B. GC	USP		The RT of the major peak in the chromatogram of the test solution corresponds to that in the chromatogram of a similar preparation of the standard solution.	
2.	Specific gravity	USP		Between 1.135 and 1.139	
3.	Refractive index	USP		Between 1.439 and 1.441	
4.	Acidity	USP		Not more than 1.0 ml of 0.1 N Sodium hydroxide is required.	
5.	Water	USP		Not more than 0.25 %	
6.	Heavy metals	USP		Not more than 0.001 %	
7.	Assay as $C_{12}H_{20}O_7$ (On anhydrous basis)	USP		Not less than 99.0 % and not more than 100.5 %	

Raw Data Reference :

Analyst Name :

Analyst Name :

Analyst Name :

Analyst Hard Book No. : Page No. :

Analyst Hard Book No. : Page No. :

Analyst Hard Book No. : Page No. :

Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____ Date : _____
Checked By : _____ Date : _____
Approved By : _____ Date : _____