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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Mar 2027

**Product Name: Phenylephrine EP Impurity C**

### Identification:

Chemical Name: 1-(3-hydroxyphenyl)-2-(methylamino)ethanone hydrochloride

Synonyms : Phenylephrine USP Related  
Compound C ; phenylephrone

CAS Number : 94240-17-2

CAT Number : CP-P12003

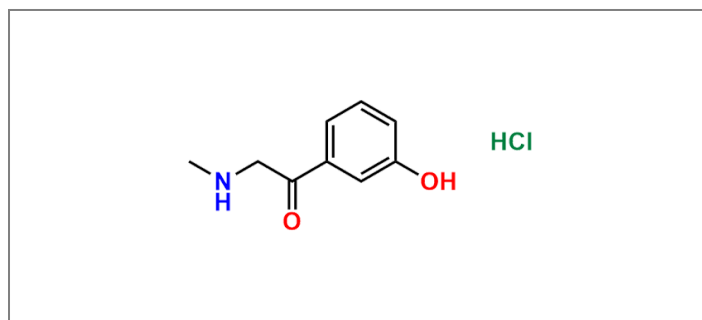
Molecular Formula : C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub> : HCl

Molecular Weight : 165.19 : 36.46

Batch Number : CP-PHE-C-0324

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is  
mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.42%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.