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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

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

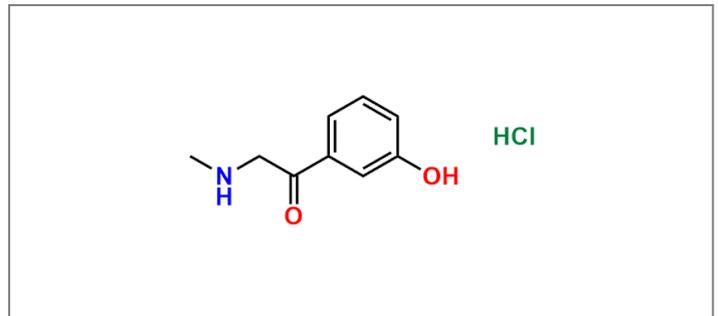
Molecular Formula : C₉H₁₁NO₂ : HCl

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	97.22%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	0.688%
7)	Potency by TGA	96.55%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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