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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Phenylephrine EP Impurity E

Identification:

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

Synonyms : Phenylephrine USP Related
Compound E ;
benzylphenylephrine

CAS Number : 71786-67-9

CAT Number : CP-P12005

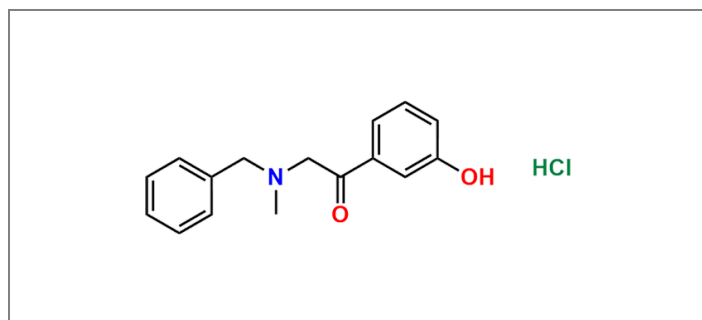
Molecular Formula : C₁₆H₁₇NO₂ : HCl

Molecular Weight : 255.32 : 36.46

Batch Number : CP-PHE-E-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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.96%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.687%
9)	Potency by TGA	95.30%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

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