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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**Product Name: Salbutamol EP Impurity K**

### Identification:

Chemical Name: 2-(Tert-butylamino)-1-[3-chloro-4-hydroxy-5-(hydroxymethyl)phenyl]ethan-1-one (as per EP)

Synonyms : Albuterol Related Compound C ;  
Salbutamol BP Impurity K

CAS Number : 898542-80-8

CAT Number : CP-S7011

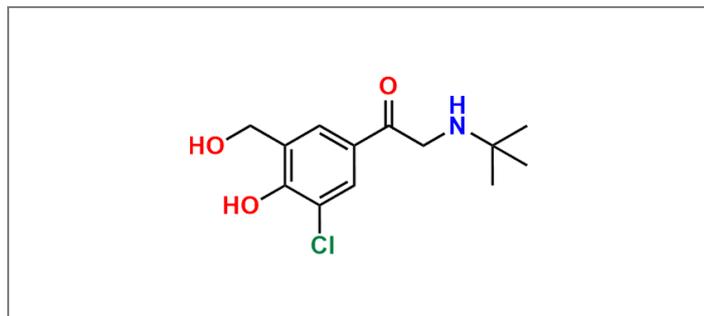
Molecular Formula : C<sub>13</sub>H<sub>18</sub>ClNO<sub>3</sub>

Molecular Weight : 271.74

Batch Number : CP-SAL-K-1124

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.17%
5)	<sup>1</sup> HNMR	Confirm to structure



### 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.