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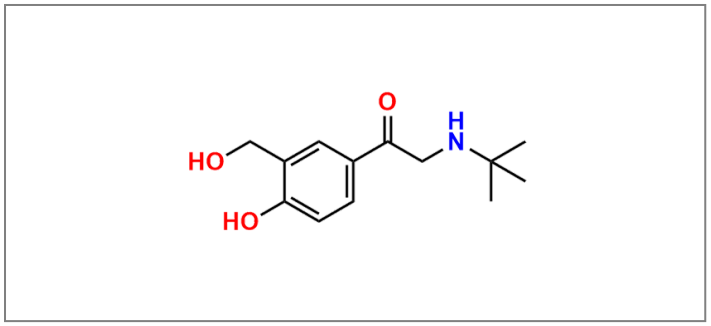
# CERTIFICATE OF ANALYSIS

Analysis Date: May 2026 Re-test Date: Apr 2029

**Product Name: Salbutamol EP Impurity J**

**Identification:**

Chemical Name: 2-[(1,1-Dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanone (as per EP)




| | | |
|---|---|---|
| Synonyms | : | Albuterol USP Related Compound B ; Salbutamol BP Impurity J ; Salbutamone HCl ; salbutamol ketone impurity |
| CAS Number | : | 156547-62-5 |
| CAT Number | : | CP-S7010 |
| Molecular Formula | : | C13H19NO3 |
| Molecular Weight | : | 237.30 |
| Batch Number | : | CP-SAL-J-0526 |
| 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 Orange Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | Mass Spectrometry | Confirm to structure |
| 4) | Purity By HPLC | 97.93% |
| 5) | 1HNMR | Confirm to structure |
| 6) | Weight loss by TGA | 2.268 % |
| 7) | Potency | 95.71% |

**Prepared and Reviewed By**

Mr. Shubham Bondre
(Quality Control)

**Approved By**

Mr. Abhijit Kale
(Quality Assurance)

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