

## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

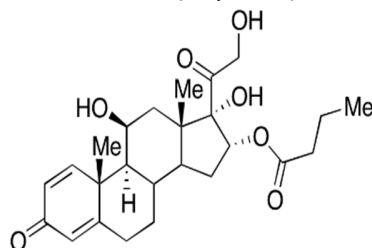
Date:

**Budesonide EP impurity I/16 $\alpha$ -Butyloxyprednisolone**

**Catalogue No.:** VL34006

Batch No.

IUPAC Name: (11 $\beta$ ,16 $\alpha$ )-11,17,21-Trihydroxy-16-(1-oxobutoxy)-pregna-1,4-diene-3,20-dione



Molecular Formula: C<sub>25</sub>H<sub>34</sub>O<sub>7</sub>

Molecular weight: 446.23 g/mol

| Sr.# | Test           | Results                | Data ref.             |
|------|----------------|------------------------|-----------------------|
| 1    | Appearance     | Off White Solid Powder | -----                 |
| 2    | Purity by HPLC | >95.00%                | Chromatogram attached |
| 3    | NMR            | Conform                | Report attached       |
| 4    | MASS           | Conform                | Report attached       |

**Storage condition:** Store at 2-8°C, protect from direct sunlight and Moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

**Manufacturing date:**

**Retest date:**

**Document data reference:**

*Prepared by*

*Reviewed by*

*Approved by*