

## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

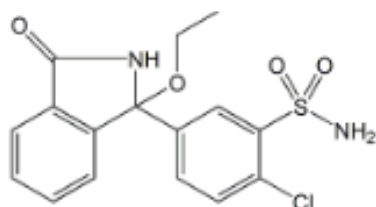
Date:

**Chlorthalidone Impurity D**

**Catalog NO: VL1090006**

Batch No.:

IUPAC Name: 2-Chloro-5-[(1R)-1-ethoxy-3-oxo-2,3-dihydro-1H-isoindol-1-yl]benzene sulfonamide



Molecular Formula: C<sub>16</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>4</sub>S

Molecular Weight: 366.82g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White solid Powder	-----
2	Purity by HPLC	>90.0%	Chromatogram attached
3	MASS	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached
5	IR	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*