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## CERTIFICATE OF ANALYSIS

Analysis Date:

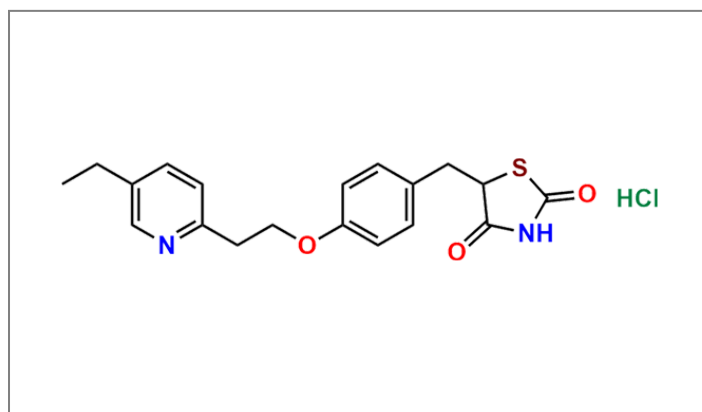
Re-test Date:

**Product Name: Pioglitazone Hydrochloride (In House Standard)**

### Identification:

Chemical Name: (5RS)-5-[[4-[2-(5-Ethylpyridin-2-yl)ethoxy]phenyl]methyl]thiazolidine-2,4-dione hydrochloride (as per EP)

Synonyms : NA  
CAS Number : 112529-15-4  
CAT Number : CP-P7018  
Molecular Formula : C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>S : HCl  
Molecular Weight : 356.44 : 36.46



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)



Ms Rohini Gagare  
(QA Head)

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