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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: (R)-Pregabalin EP Impurity A**

### Identification:

Chemical Name: (4R)-4-(2-methylpropyl)pyrrolidin-2-one

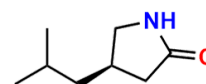
Synonyms : (R)-Pregabalin USP Related  
Compound C, (R)-Pregabalin  
Lactam Impurity

CAS Number : 181289-22-5

CAT Number : CP-P29142

Molecular Formula : C<sub>8</sub>H<sub>15</sub>NO

Molecular Weight : 141.21



### 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	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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