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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Tetryzoline Hydrochloride EP Impurity A**

#### Identification:

Chemical Name: (1R)-1,2,3,4-Tetrahydronaphthalene-1-carbonitrile (as per EP & USP)

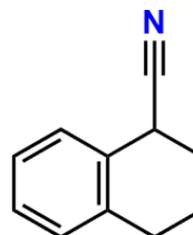
Synonyms: : Tetrahydrozoline USP Related  
Compound E ;  $\alpha$ -cyanotetraline

CAS Number: : 56536-96-0

CAT Number: : CP-T102003

Molecular Formula: : C<sub>11</sub>H<sub>11</sub>N

Molecular Weight: : 157.2



#### 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.