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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

**Product Name: Sapropterin Dihydrochloride**

### Identification:

Chemical Name: (R)-2-Amino-6-((1R,2S)-1,2-dihydroxypropyl)-5,6,7,8-tetrahydropteridin-4(1H)-one dihydrochloride

Synonyms : NA

CAS Number : 69056-38-8

CAT Number : CP-S25013

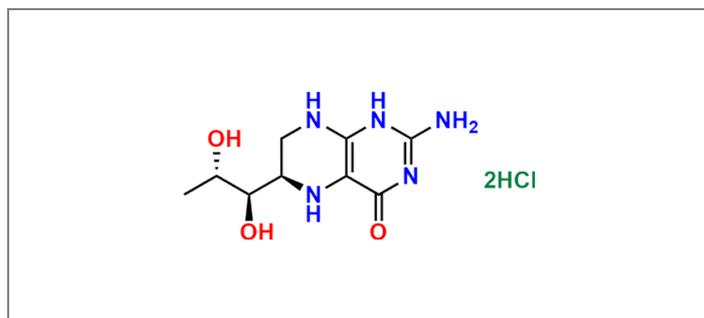
Molecular Formula : C<sub>9</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub> : 2(HCl)

Molecular Weight : 241.3 : 2(36.5)

Batch Number : CP-SAP-DIH-0326

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.96%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	-
9)	Potency by TGA	-



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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