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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

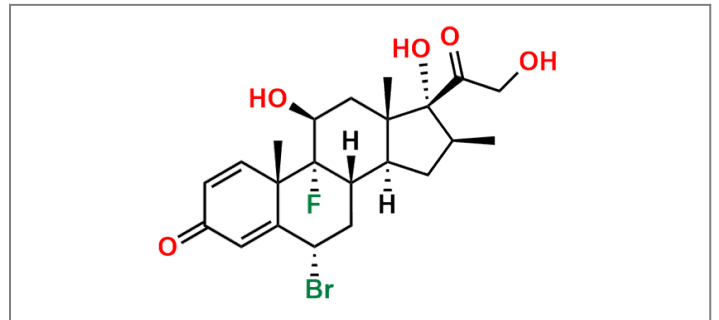
Re-test Date: Jun 2027

**Product Name: 6-Bromo Betamethasone**

### Identification:

Chemical Name: (6S,8S,9R,10S,11S,13S,14S,16S,17R)-6-Bromo-9-fluoro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one

Synonyms : NA  
CAS Number : 1203841-38-6  
CAT Number : CP-B25051  
Molecular Formula : C<sub>22</sub>H<sub>28</sub>BrFO<sub>5</sub>  
Molecular Weight : 471.36  
Batch Number : CP-BET-BRO-0724  
Storage Condition : Tightly closed, Inert atmosphere at -20° C  
Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.59%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	3.5319%
8)	Potency by TGA	96.05%



**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.