

Certificate of analysis

Calcipotriol Monohydrate

CAS No.	147657-22-5	Code	BIOJCM001
Batch No	CVE1320240301	Manufacture Date	Mar.01, 2024
Retest Date	Feb.28, 2027	Quantity	5G

Testing Items	Specifications	Results
Appearance	White to off-white crystalline powder	White crystalline powder
Solubility	Freely soluble in alcohol, practically insoluble in water	Corresponds
Identification	IR(KBr): Corresponds	Corresponds
	UV(MeOH): Positive	Positive
	Max absorbance: 262~266nm	265nm
Water	3.3%~5.0%	4.2%
Related substances (TLC)	Impurity A \leq 0.25% Impurity G and H \leq 0.25% Any other impurity \leq 0.10%	<0.25% <0.25% <0.10%
HPLC	\geq 97.5%	98.9%
Related substances (HPLC)	Impurity B \leq 0.5% Impurity C \leq 1.0% Impurity D \leq 1.0% Any other impurity \leq 0.1% Total impurities \leq 2.5% Unknown imp each \leq 0.1%	Not detected 0.29% 0.78% <0.1% 1.1% 0.06%
Assay	95.5%~102.0% (anhydrous substance)	98.5%
Conclusion	This product conforms to EP9/BP2017 standard	

***Storage: Store below -18°C, Protect from moisture and light.**