

## Certificate of analysis

# Calcipotriol Monohydrate

CAS No.	147657-22-5	Code	BIOJCM001
Batch No	CVE1320240303	Manufacture Date	Mar.25, 2024
Retest Date	Mar.24, 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%	4.1%
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 0.33% 0.74% <0.1% 1.1% 0.06%
Assay	95.5%~102.0% (anhydrous substance)	100.1%
Conclusion	This product conforms to EP9/BP2017 standard	

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