

Certificate of Analysis

Product name	Alfacalcidol		
Batch No.	18RY101501	CAS No.	41294-56-8
Mfg. Date	2018.10.15	Exp. Date	2021.10.14
Standard	EP8	Quantity	1KG

Tests	Specifications	Result
Appearance	White to off white crystal	Conforms
Identification	Infrared spectrum corresponds to that of the standard preparation	Conforms
	UV max peak:262~266nm	263nm
	The principal peak in the chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with reference solution	Conforms
Solubility	Practically insoluble in water, freely soluble in alcohol(96%),soluble in fatty oils	Conforms
Related compounds	Triazoline adduct of pre-alfacalcidol $\leq 0.5\%$	Conforms
	Trans- alfacalcidol $\leq 0.5\%$	Conforms
	1 β - alfacalcidol $\leq 0.5\%$	Conforms
	Unknown single impurity $\leq 0.1\%$	Conforms
	Totally impurities $\leq 1.0\%$	0.32%
Assay	97.0%~102.0%	99%
Purity	$\leq 99.0\%$	99.68%
Storage:In N ₂ , air/light free, under 2~8oC.		
Conclusion : Conforms to EP8 standard		

Tested by: Alice

Checked by: Penny

Approved by: Michelle

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