

# SHANDONG OCTAGON CHEMICALS LIMITED

## CERTIFICATE OF ANALYSIS

Product name	Alfacalcidol(Cas 41294-56-8)		
Batch No.	2020501	Mfg. Date	2020.05.27
Rep. Date	2020.06.01	Exp. Date	2022.02.26
Packing	1kg/Tin	Batch Quantity	1.321KG
Test Items	Standards: Enterprise		Results
Appearance	White to off-white powder		White powder
Solubility	Should conform		Conforms
Identification	<sup>1</sup> HNMR/HPLC		Conforms
Related Substances	Other individual impurity ≤ 0.1 %		0.08%
	Total unknown impurities ≤ 1.0%		0.32%
Water content	≤0.5%		0.10%
Residual on ignition	≤0.1%		0.06%
Residual solvents	Trans-alfacalcidol:NMT0.3%		0.12%
	1Beta-alfacalcidol: NMT0.1%		0.08%
Purity(HPLC)	≥98.0%		99.65%
Conclusion	It meets the requirements of Enterprise Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by:Zhang	