

Jiaxing TriView Biochemical Products Co., Ltd.

www.triviewbiochem.com Tel:0573-87228088Mail:triview@triviewbiochem.com

Certificate of Analysis

Product Name	Diquafosol Tetrasodium	CAS No.	211427-08-6
Quantity	10.0 kg	Batch No.	2020040501
Test. Date	Apr.5.2020	Qualification	API
Rep. Date	Apr.5.2020	Holding condition	Shading, sealing
Test Item	Standard		Result
Appearance	White crystalline powder		White crystalline powder
Solubility	Very easily soluble in water, soluble in formamide, Very slightly soluble in methanol, not soluble in acetonitrile		conforms
Identification	Infrared spectrum complies with working standard spectrum		conforms
	Qualitative reaction with sodium salt		conforms
Specific rotation	-8° to -10°		-9°
Related Substance	Impurity III ≤0.15%		0.09%
	Impurity IV ≤0.15%		0.02%
	Single Impurity (Max.) ≤0.10%		0.04%
	Total Impurity ≤1.0%		0.15%
Residual Solvent	Ethanol ≤0.50%		0.05%
Total number of colonies	≤100 cfu/ml		Conforms
Yeasts	≤10 cfu/ml		Conforms
Mould	≤10 cfu/ml		Conforms
Water	5.0%--11.0%		9.00%
Heavy metal	≤0.0001%		conforms
Assay	98.0%~102.0% (C ₁₈ H ₂₂ N ₄ Na ₄ O ₂₃ P ₄)		99.85%

Reported by/Date:
Zhai Shubin / Apr.5.2020

Reviewed by/Date:
Wang Xiaoxun/Apr.5.2020

Approved by/Date:
Gaochao /Apr.5.2020