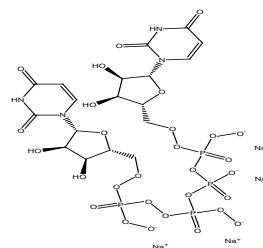


Certificate Of Analysis

Name: Diquafosol
CAS NO.: 211427-08-6
Cat NO.: A900791
Batch No.: D10092016
Mfg.Date: 2016.09.10
Exp.Date: 2018.09.09



Items	Specifications		Results
Appearance	White crystalline powder		Conforms
Characters	Solubility	Soluble in water, very slightly Soluble in DMF, Methanol and ethanol	Up to specification
Identification	specific rotation	-8.0° —-11.0°	-9.6°
	UV	Maximum absorption wavelength: 262nm±2nm Minimum absorption wavelength: 231nm±2nm	Up to specification
	IR	Conform to the spectrum of reference substance	Conforms
	Physical and chemical identification	Aqueous solution should show the identification reaction of sodium salt	Up to Specification
	PH	7.5~10.5	8.2
Color and completeness of solution	Clarify and colorless solution: If not clarify, no more than no. 1 turbidity standard solution; If have the color, no more than no.2 standard colorimetric.		Up to Specification
Chlorides	≤0.02%		Up to Specification
Loss on Drying	maximum 15.0		14.1%
Heavy Metals	Maximum 20ppm		Less than 20 ppm
	Dioxanc no more than 0.038%		UDL
Residual Solvents	Acetone no more than 0.5%		UDL
	DMF no more than 0.088%		UDL

	Ethanol no more than 0.5%	0.017%
	Uridine-5'-triphosphoric acid trisodium salt (Impurity A) no more than 0.5%	0.16%
	Uridine-5'-diphosphoglucose disodium salt (Impurity B) no more than 0.5%	0.24%
Related Substances	Uridine-5'-monophosphatetrisodium salt (Impurity C) no more than 0.3%	0.06%
	Uridine(Impurity D) no more than 0.3%	UDL
	Single unspecified impurities no more than 0.1%	0.085%
Purity	98%	Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

 * If you have any comments and suggestions, please contact us by sales@amadischem.com