

**TAIZHOU CRENE CHEMPHARM CO., LTD.**

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## Certificate of analysis

<b>Product Name</b>	Sitafloracin hydrate	<b>CAS No.</b>	163253-35-8
<b>Batch No.</b>	20100516	<b>Quantity</b>	50.0g
<b>MFG. Date</b>	May .16, 2010	<b>EXP. Date</b>	May .15, 2012

### ***TEST***

<b>Items</b>	<b>Specifications</b>	<b>Results</b>
<b>Appearance</b>	A yellow and white powder	A yellow and white powder
<b>Specific optical rotation</b>	-270~ -284°	-274°
<b>Water</b>	6.0~8.0%	6.91%
<b>Maximun single impuritites</b>	≤0.5%	0.16%
<b>Total impurities</b>	≤1.5%	0.33%
<b>Maximun single Isomer</b>	≤0.3%	0.10%
<b>Heavy metals</b>	≤20ppm	<20ppm
<b>Residue on Ignition</b>	<0.1 %	0.04%
<b>Purity by HPLC</b>	≥98.5%	99.67%

**Conclusion: Complies with in house standard.****Analyst:Zhao****Checker:Liu****Q.C Director. Fang F**