

Certificate of Analysis

Product name	Silver sulfadiazine		
Batch No.	RY20160101	CAS No.	22199-08-2
Mfg. Date	28 th ,Jan,2016	Exp. Date	27 th ,Jan,2019
Standard	USP35-NF30	Report Date	17 th ,Feb,2016

Tests	Specifications	Result
Appearance	White to off-white crystalline powder	Complies
Identification		
IR	Sample IR spectrum corresponds to that of a similar preparation of the reference standard	Complies
TCL	The Rf value of the principle spot in the thin-layer chromatogram of the test solution as obtained in the test for chromatographic purity corresponds to that obtained from the standard solution A	Complies
Silver reaction	Show positive	Complies
Particle size	Average particle size: $\leq 10\mu\text{m}$	6 μm
	The particle size over 40 μm : $\leq 10\%$	8%
Loss on Drying	$\leq 0.5\%$	0.3%
Limit of nitrate	$\leq 0.1\%$	Conforms
Purity by TLC	The sum of impurity is $\leq 2.0\%$	$< 2.0\%$
Silver content	29.3%~30.5%	29.9%
Assay	98.0%~102.0% calculated on dry bass	98.9%
Conclusion : It conforms to the USP35 standard		

Tested by: Alice

Checked by: Penny

Approved by: Michelle

Add: 1113 Modern Star, #337 Shaoxing Road, Hangzhou, China

Tel: 0086-571-85829052-801 Fax: 0086-571-85829153

Email: sales@royalpharms.com Http://www.royalpharms.com