

CERTIFICATE OF ANALYSIS

Product Name	Cyclopenta[c]pyrrol-2(1H)-amine, hexahydro-, hydrochloride		
Batch no.	20200708	Batch Size	500.0kg
Manufacture Date	Jul.18,2020	Report Date	Jul.18,2020
Retest Date	Jul.17,2022	Specification	USP37
Test Items	Specifications		Results
Appearance	Off-white crystalline powder		Conform
Identification			
Melt Point	166.0 ~ 174.0°C		171.3~173.2
Loss on drying	≤0.3%		0.27%
Sulphated ash	≤0.5%		0.07%
2-nitroso-octahydrocyclopenta[c]pyrrole	≤20ppm		3.12ppm
Impurity			
Single impurity	≤0.5%		0.12%
Total impurities	≤2.0%		0.31%
Content(Titrimetric HClO ₄) (Titrimetric AgNO ₃)	98.0-101.0% 99.0%-102.0%		100.44% 101.06%
Conclusion	Conforms to USP37		

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