

Product Name	Orotic acid		
Batch No.	14121501	Mfg. date	2014-12-15
Test Date	2014-12-25	Exp. date	2016-12-14
Tests	Specifications		Results
Description	White to yellowish powder, very hygroscopic.		Off-white powder, very hygroscopic.
Solubility	Freetly soluble In water and methanol and dichloromethane		Complies
Identification	(1)By IR, To match with working standard		Complies
	(2)It gives reaction of sodium		Complies
Impurities A	$\leq 0.1\%$		Not detected
Related compounds	Any impurity $\leq 0.1\%$		$< 0.1\%$
	Total impurities $\leq 0.4\%$		0.25%
Residual Solvents	Acetidin $\leq 0.5\%$		Not detected
	Dichloromethane $\leq 0.06\%$		Not detected
	Methanol $\leq 0.3\%$		Not detected
	Acetone $\leq 0.5\%$		Not detected
	Acetonitrile $\leq 0.041\%$		Not detected
	Ethanol $\leq 0.5\%$		0.04%
	N, N-dimethylformamide $\leq 0.088\%$		Not detected
Water	$\leq 5.0\%$		1.38%
Assay	99.0%-101.0%(On anhydrous basis)		99.98%
Conclusion	Conform to EP8.0		