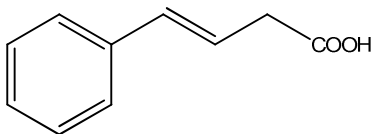


	VISHWA-SYNTHARO PHARMACHEM		Rev: 00
	SPECIFICATIONS		Date: January 2016
	<i>trans</i> -Styrylacetic acid	TSY	



IUPAC Name:	(3 <i>E</i>)-4-Phenyl-3-butenoic acid	Pharmacopeial Standard (if any):	N/A
CAS #:	1914-58-5	Specification based on:	In-house
Formula:	C ₁₀ H ₁₀ O ₂	Mol. Wt.:	162.19

	TESTS	SPECIFICATION	TEST METHOD
1.	Appearance	Off-white to yellow solid	STP-QC-001
2.	Identification		
	Melting Range	84 - 88° C	STP-QC-006
	Retention time (by HPLC)	Retention time by HPLC matches that of reference standard	STP-QC-012
3.	Purity (by HPLC; % area)	NLT 98.0%	STP-QC-208
4.	Moisture content (by KF, %w/w)	NMT 1.0 %	STP-QC-004
5.	Assay (by titration, On dried basis, w/w)	96 – 104 %	STP-QC-007
6.	Loss on Drying (45°C under vacuum)	NMT 1.0 %	STP-QC-005