

## Specification Sheet

### Ferulic Acid

CAS No. 1135-24-6

Items	Specifications	Test Method
Identification Test 1	Max. absorption at wave length of 236± 2nm and 322± 2nm	Spectrometer (UV Visible spectrum)
Identification Test 2	Solution becomes yellow	Adding 10ml of Potassium hydroxide/ethanol reagent to 0.01mg of product/dissolving by heat
Identification Test 3	Solution becomes reddish brown	Adding/Dissolving 2ml of acetone to 0.01g of product and adding 0.1ml of ferric chloride/ethanol solution (1→50)
Heavy Metals	Not more than 0.002%	Prepare and test a 1 gm sample as directed in Method 2 under Heavy Metal test, using 20 µg of lead ion (Pb) the control @ 500°C ignition temp.
Arsenic	Not more than 2 mg/Kg	FCC General test Appendix III B
Loss on Drying	Not more than 0.5 %	(1g @ 105°C for 3 hours.)
Residue on Ignition	Not more than 0.1 %	FCC General test Appendix II C ignite 5 g as directed in the general method
Assay	Not less than 98.0%	Weigh 0.5g of dried sample accurately into an Erlenmeyer flask and add 50ml of neutralized solvent mixture. Titrate with 0.1Mol/L sodium hydroxide solution. 1 ml of

		sodium hydroxide solution – 19.418 mg C10H1004
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Country of Origin: China

Shelf-life & Storage: 2 years from the date of manufacture, if stored in a cool, dry place in a sealed container.