



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name: Vanillin
Description: White to pale yellow fine Powder with characteristic odor.
Identification: Passes all criteria tests
Batch No 161214
Batch quantity 2000kgs
Analysis Date: Dec 14th, 2016

Item	Specification	Results
Assay by HPLC	≥ 99.5%	99.95%
Alcohol soluble extraction	Not less than 50%	Complies
Seive	100% pass 80 mesh	Complies
Loss on drying	≤0.5%	0.06%
Melting range	81.0-83.0°C	81.3°C
Solubility 25°C	1g sample dissolves the whole ,or 3ml 70% ethanol 2ml 95%	Complies
Heavy Metals	≤10ppm	Complies
As	≤3ppm	1.23ppm
Hg	≤1ppm	0.06ppm
Pb	≤10ppm	1.3ppm
Ph	3.0-7.0	5.0
Residue solventl	eur.pharm	Complies
Microbiological		
Total plate Count	<10000cfu/gm	Complies
Yeast & Mould	<100cfu/gm	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

Approved by :
(Quality Assurance)

