

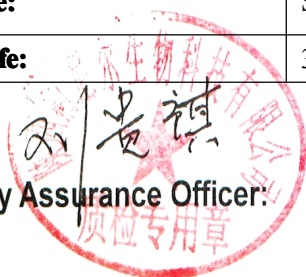
Certificate of Analysis

Product Name:	Vitamin C Powder	Manufacture Date:	Jan.29.2015
Batch Number:	SHDJS150130	Analysis Date:	Jan. 30.2015
Batch Quantity:	5600KG	Expiration Date	Jan.29.2017

Test	Specifications	Result
Assay (L-ascorbic acid) by HPLC	98.0% - 102.0% calculated on dry basis	99.76%
Appearance:	White powder	Complies
Clarity in Hexane	Clear and Yellow	Complies
Odor & taste:	Odorless and tasteless	Complies
Solubility:	Freely soluble in ethanol isopropanol, slightly soluble in methanol, insoluble in water	Complies
Melting point	33-44°C	36°C
Water:	< 0.5%	0.11%
Residue on Ignition:	< 0.5%	Complies
Loss on drying %:	≤2.0%	1.43%
Heavy metals PPM:	<20ppm	Complies
Arsenic	< 0.5%	Complies
Other Related Substances ratio:	0.010%	Complies
Identification :		
Ethanol + Potassium Hydroxide :	Blue	Complies
Ethanol + Sodium Hydrosulfite:	Yellow	Complies
Absorption in isooctane:	325nm - 327nm	325nm
Absorbance Ratio A1/A2:	0.32 - 0.38	0.33
Conclusion:	Conform with specification,USP32	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store at sealed container. Protect from moisture.
Shelf life:	3 years when properly stored

Quality Assurance Officer:



Corrector:

许刚峰

Analyst:

方进武