

Xi'an Fengzu Biological Technology Co.,Ltd.

Manufacturer Add:
Industrial Park in Wugong County,
Xianyang City, Shaanxi Province, China

www.fzbiotech.com
Email: sales@fengzusw.com
Tel.: 86-029-8129-4858/ 86-187-0910-6130

Certificate of Analysis

Manufacturing data

Product Type: Essential Oil

Product name	Valerian Root Oil		
Botanical source	Valeriana officinalis L.		
Manufacturing date	Sep.20.2020	Used part	Root
Issue Date	Sep.20.2020	Quantity	200kgs
Batch number	VO20200920	Extract Solvent	Absence

Quality data

Identification	Specification	Result	Remark
Appearance	Light yellow to light green clear liquiid	Complies	
Odor & taste	Bitter and characteristic flavor	Complies	Orgaloleptic
Bronyl acetate	≥35.0%	35.8%	GC
Specific gravity	0.9220~0.9450	0.924	
Refractive index	1.4625~1.4768	1.4762	
Heavy metals	<10ppm	Complies	
Pb	≤1ppm	Complies	
As	≤0.5ppm	Complies	
Aq	≤0.5ppm	Complies	
Residual of solvent(ethanol)	<0.05%	Complies	
Pesticides			
BHC (α-BHC, β-BHC, γ-BHC, δ-BHC)	<10ppb	Complies	
DDT (p'p-DDE, p'p-DDT, o'p-DDT, p'p-DDD)	<10ppb	Complies	
PCNB	<10ppb	Complies	

Addition data

Storage	Store in a cool dry place, avoiding sunlight directly
Shelf life	48 months under the previously mentioned conditions and in its original packaging
Package	Food grade plastics drum, 25kgs or 50 kgs in one type drum

Q. M. Chief: 

Analyst: 

