



YUNNAN HANSU BIOTECHNOLOGY CO., LTD

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Report number: PO004-2020-001

Product code: PO004

Product Name	Polyphenol Resin(oil)	Specification	50%
Lot No.	20200201	Report Date	2020.02.11
MFG. Date	2020.02.03	Expiry Date	2022.02.02
Reference	Enterprise standard		
Test Item	Standard	Results	Conclusion
<b>【Appearance】</b>	Brown yellow to brown black viscous liquid or solid or semisolid	Brown black semisolid	Conform
<b>【Identification】</b>	In the recorded chromatograms under the determination of the substance, the retention time of the main peak of the solution should be consistent with the retention time of the main peak of the reference solution	In the recorded chromatograms under the determination of the substance, the retention time of the main peak of the solution be consistent with the retention time of the main peak of the reference solution	Conform
<b>【Examination】</b>			
The residual solvents	Ethanol Not more than (NMT)400 ppm	19.93ppm	Conform
	Heptane NMT 400 ppm	2.68ppm	Conform
	Ethyl Acetate NMT 400 ppm	Undetected	Conform
Heavy metal	NMT 20 ppm	Less than (LT) 20 ppm	Conform
<b>【Assay】</b>	Method HPLC,Limit of quantitation(LOQ):0.8ppm		
CBD	Not less than(NLT)50%	58.72%	Conform
CBDV	10.0~40.0%	27.89%	Conform
CBG	1.0~10.0%	1.71%	Conform
THCV	1.0~10.0%	1.53%	Conform
THC	NMT 0.2%	Undetected	Conform
Total Cannabinoids	80.0~90.0%	89.85%	Conform
<b>【Microbial limit test】</b>			
Total aerobic Bacteria count	NMT 1×10 <sup>3</sup> cfu/g	LT 1×10 <sup>2</sup> cfu/g	Conform
Combined molds and Yeas count	NMT 1×10 <sup>2</sup> cfu/g	LT 1×10 <sup>1</sup> cfu/g	Conform
E.coli	Not detected per gram	Undetected per gram	Conform
Salmonella	Not detected 10 per gram	Undetected per 10 gram	Conform
<b>Conclusion</b> : According to Enterprise standard,the testing result is qualified.			

Tested by : *Lei Su*Reviewed by: *Guangyou He*Approved by: *Chengwen Yang*