



Analysis Reports

No: JJY-20110531

Name	Ginger Essential Oil	Source	Sunhere Extract
Specification	1kg/drum	Sample Amount	60g
Lot Number	20110531	Purposes	Sampling Inspection
Total Amount	20kg	Analysis Date	2011-5-31
Basis	Company Standard	Report Date	2011-5-31

Item	Requires	Result
Organoleptic quality		
Color:	Pale yellow to orange liquid	Conform
Flavor and taste:	Having the spicy taste of ginger.	Conform
Analytical quality		
Gingerols (6-gingerols)(%)	≤1%(HPLC)	0.91
Refractive index (20℃)	1.4800~1.4980	1.4862
Relative density (25/25℃)	0.8700~0.8850	0.8761
Angular Rotation (20℃)	-26°~-45°	
Acid value(mg/g)	≤20	11.74
Saponification number(mg/g)	≤20	18.28
Hygiene index		
Lead	≤1	
Arsenic	≤2	
Cadmium	≤1	
Mercury	≤0.1	
Residual solvents	Negative	
Pesticides residues	Negative	
Total Plate Count	≤1000	
Total Yeast & Mold	≤100	
E.Coli.	Negative	
Salmonelia	Negative	
Staphylococcus	Negative	

Conclusion: Conform the company standard.

Analyst:

Corrector:

Quality Assurance Officer: