



Navy Heart Essential Oils

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CERTIFICATE OF ANALYSIS

Item	Details		
Product Name	Castor Oil <i>Ricinus Communis Seed Oil</i>		
Supplier Report Number	BR-250608		
Inspection Results			
Inspection Item		Standard	Result
Properties		White to light yellow thick liquid	Conformity
Odor		With the specific aroma of castor	Conformity
Relative Density		0.952 ~ 0.965	0.958
Refractive Index		1.477 ~ 1.481	1.479
Optical Rotation		+3.5 ~ +6.0	3.9
Humidity (%)		≤0.2	0.1
Peroxide Value (meq/kg)		≤5.0	2
Acid Value (mgKOH/g)		≤1.2	1.1
Unsaponifiabiles Content (%)		≤1.0	1
Absorbance (269±1nm)		1	1
Saponification Value (mgKOH/g)		176 ~ 187	181
Iodine Value (gI/100g)		82 ~ 90	83
Hydroxyl Value (mgKOH/g)		≥155	156
Conclusion: Conformity			

Disclaimer

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