

	Certificate of Analysis		
Product Name:	Geranium, Rose Organic		
Latin Binomial/INCI:	Pelargonium graveolens var. roseum		
Cultivation:	100% Organic		
Product Code/Lot Number:	3601-ABDL		
Material:	Blossoms		
Country of Origin:	Egypt		
Date of Production:	January 24, 2022		
Expiration Date:	January 24, 2025		
Specification	Exported	Result	
Specification	Expected		
Color:	Colorless to yellow	PASSED	
Odor:	Strong, sweet, floral aroma	PASSED	
Appearance:	Transparent liquid	PASSED	
Specific Gravity 20°C:	0.880 - 0.905	0.890	
	4 4000 4 4700	4 4007	
Refractive Index 20°C:	1.4630 – 1.4730	1.4667	
Refractive Index 20°C:			
	Citronellol	35.13%	
High Resolution Capillary Gas	Citronellol Geraniol	35.13% 13.53%	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Citronellol Geraniol Citronellyl Formate	35.13% 13.53% 7.13%	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Citronellol Geraniol Citronellyl Formate Isomenthone	35.13% 13.53% 7.13% 5.65%	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30	Citronellol Geraniol Citronellyl Formate	35.13% 13.53% 7.13%	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column	Citronellol Geraniol Citronellyl Formate Isomenthone Linalool	35.13% 13.53% 7.13% 5.65% 4.67%	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS	Citronellol Geraniol Citronellyl Formate Isomenthone Linalool LISTED	35.13% 13.53% 7.13% 5.65% 4.67% PASSED	
Refractive Index 20°C: High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS No GMO Materials Used: No Sewage Sludge:	Citronellol Geraniol Citronellyl Formate Isomenthone Linalool LISTED NONE	35.13% 13.53% 7.13% 5.65% 4.67% PASSED PASSED PASSED	
High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column GRAS	Citronellol Geraniol Citronellyl Formate Isomenthone Linalool LISTED	35.13% 13.53% 7.13% 5.65% 4.67% PASSED	

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