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CERTIFICATE OF ANALYSIS

Product Name:	Orange oil		
CAS No.:	8028-48-6	Quantity	11000kg
Rep Date	2016-05-28	Batch NO.	160528001
MFG. Date	2016-05-28	Expiry Date	2018-05-27
Test standard	《BP standard》	Test items	Full test

Item	Specifications	Results
Characters	Colorless or light yellow liquid with the smell of orange	Qualified
Relative density (20/20℃)	0.8381-0.8550	0.8432
Refractive index(20℃)	1.4731-1.4810	1.4760
Specific optical rotation	+79° - +103° C	Qualified
Acid value	≤ 1.7	Qualified
Ester value	≥ 2.3	Qualified
Solubility	Soluble in 95% ethanol	Qualified
Assay	Limonene≥86.4% citral≥3.2%	Qualified
Consequence	Meet BP standards	

Analyst:Liya

Checker:Weichen

Q.C.Director:Xuleilei