



## Certificate of Analysis

COOLACT P

Date: 2015/05/20  
Management No. 10050-330-2

Lot No.	: 5J0011	Invoice Number	: 00030576
Net Weight	: 1980 kg	P/O Number	: 390121
Manufacturing Date	: 15-Oct-15		
Expiring Date	: 14-Oct-18		

<u>Test</u>	<u>Specification</u>	<u>Result</u>
Color	Colorless.	Colorless.
Particulate or Clouding	None.	None.
Odor	Faintly minty, herbal, pure crisp note.	Faintly minty, herbal, pure crisp note.
Specific gravity at 20/20 degC	0.908 — 0.914	0.9115
Specific gravity at 25/25 degC	0.9073 — 0.9097	0.9085
Refractive index at 20 degC	1.4690 — 1.4750	1.4715
Acid value	Maximum 1.0 mg/g	0.1
Solubility	Soluble in 2 volumes of 70% ethanol.	Pass.
Optical rotation at 20 degC	-20.60 — -19.60	-20.15
Assay	Minimum 99.00 area%	100.00

MATERIAL CODE C133434, COUNTRY OF ORIGIN : JAPAN

Takasago International Corporation

  
Yasujiro Toyabe, Director  
Quality Assurance Department