



VAN CAO CO., LTD

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VAN CAO CHEMICAL

CERTIFICATE OF ANALYSIS

Product : TOPSol 3040A
Lot No. : 102-541
Manufacturing date: 22 Dec 2021
Expire date: 02 years from filling date
Origin: Thailand

Properties	Specification	Result	Test Method
Appearance	PASS	PASS	ASTM D 4176
Density@15oC, Kg/l	To be reported	0.7808	ASTM D4052
Airline point	50 min	54.5	ASTM D611
Saybolt color	25 min	+ 30	ASTM D156
Cu-strip (50oC, 3h)	1 max	1A	ASTM D130
Dist. IBP oC	150-158	155	ASTM D86
Dist.EP oC	197-210	201	ASTM D86
Dist. EVA 50% oC	180 max	167	ASTM D86
DOCTOR TEST	SWEET	SWEET	ASTM D4952
Flash point , TAG oC	38 min	42	ASTM D56
NEUTRALITY	NEUTRAL	NEUTRAL	ASTM D56
ODOR	SWEET	SWEET	OLFACTORY
SULFUR wtpm	100 max	0.5	ASTM D5453

QA MANAGER