

Gage Products Company
Certificate of Analysis / QC Results

Page: 1

Date: 02/24/14 at 7:26 AM

Customer PO # :

Packaged Product: 41165 CSC 2014 Emissions Gasoline				
Property	Test Method	UOM	Specification	Value
SPECIFIC GRAVITY @ 60F	ASTM D4052		REPORT	0.7614
DISTILLATION, IBP	ASTM D86	DEG F	REPORT	85.8
DISTILLATION, 10%	ASTM D86	DEG F	REPORT	127.3
DISTILLATION, 50%	ASTM D86	DEG F	REPORT	208.7
DISTILLATION, 90%	ASTM D86	DEG F	REPORT	306.8
DISTILLATION, DP	ASTM D86	DEG F	REPORT	394.2
RECOVERY	ASTM D86	VOL. %	REPORT	97.1
RESIDUE	ASTM D86	VOL. %	REPORT	1.1
LOSS	ASTM D86	VOL. %	REPORT	1.8
ISOBUTANOL CONTENT	Gas Chromatography	VOL. %	15.5 - 16.5	15.7
RVP @ 100 DEG. F	ASTM D5191	PSI (KPA)	9.00 - 10.00(62.01 - 68.90)	9.19(63.32)
CARBON CONTENT	ASTM D5291	WT. %	REPORT	82.62
HYDROGEN CONTENT	ASTM D5291	WT. %	REPORT	13.78
OXYGEN CONTENT	ASTM D5622	WT. %	REPORT	3.6
H/C RATIO	Calculated	MOLE/MOLE	REPORT	1.988
C/H RATIO	Calculated	WT/WT	REPORT	5.994
O/C RATIO	CALCULATED	MOLE/MOLE	REPORT	0.033
Lot # 6449700 Made 02/05/14 In sealed unopened containers this product is good until 01/28/15 Approved By: <u>Robert Patzelt</u>				