



Certificate of Analysis

Vessel / Object:	Auburn Lewiston Airport - Tank/Pump	Job No:	142-21-00720
Location:	South Portland, ME / AmSpec Lab - South Portland, ME (United States)	Date Sampled:	12/15/21
Job Type:	Submitted Sample	Date Tested:	12/16/21
Product Grade:	Aviation Fuel / AVGAS 100LL	Version:	2 / 16 Dec 2021 16:25
Client Reference:	AmSpec - Intercompany / Avfuel account		

<u>Sample</u>	<u>Sample ID, Type & Description</u>					
142-21-00720-001	AvGas Pump Skid Submitted Sample					
<u>Method</u>	<u>Test</u>	<u>Min</u>	<u>Max</u>	<u>Result</u>	<u>Units</u>	<u>Remarks</u>
ASTM D1094	Water Reaction					
	Change in Volume of Aqueous Layer	-2	2	0	ml	Pass
	Interface Rating			1b		Pass
	Degree of Separation Rating			1		Pass
ASTM D2622-16	Total Sulfur by (X-Ray)					
	Total Sulfur Content		500	4.2	ppmw	Pass
	Instrument ID			ME-132		
ASTM D86!	Distillation					
	IBP			33.1	°C	Pass
	10%		75	69.8	°C	Pass
	40%	75		99.2	°C	Pass
	50%		105	102.3	°C	Pass
	90%		135	114.9	°C	Pass
	FBP		170	143.6	°C	Pass
	Sum of 10% and 50%	135		172.1	°C	Pass
	Recovery	97.0		97.2	%vol	Pass
	Residue		1.5	1.3	%vol	Pass
	Loss		1.5	1.5	%vol	Pass
ASTM D873	Oxidation Stability in Aviation Fuels (Potential Residue)					
	Potential Gum (Washed)		6	4	mg/100ml	Pass
	Precipitate		3	<1	mg/100ml	Pass
	Total Potential Residue			4	mg/100ml	Pass
	Aging Time			5	hr	Pass

Notes: !Test Method performed and reported within scope of U.S. Customs and Border Protection accreditation
Product meets ASTM D910 Aviation Gasoline Specification for tests listed above.

Michael Holland

Reported by: Michael Holland

Title: Laboratory Manager

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