

Certificate of Analysis

Evos Ghent NV	Laboratory Report ID	: 26-013611-0-BLG-015-01
Moervaartkaai 12	Our reference ID	: BE01160-0002345
9042 Gent	Client reference	: PO-030-2600059
Belgium		
Embodiment of the most stringent requirements in the following specifications (latest editions) as they are stated qualified in the Aviation Fuel Quality Requirements for Jointly Operated Systems		
AFQRJOS Checklist Issue 36 - March 2025 Specification		
a) British Ministry of Defense Standard DEF STAN 91-091/Issue18 dated 21 February 2025 for Turbine Fuel Aviation, Kerosine Type, Jet A-1		
b) ASTM Standard Specification D1655 for Aviation Turbine Fuels 'Jet A-1'		
Product	: Jet A-1	
Batch quantity	: 53372cbm @ 15°	
Marked	: Shoretank 1001 Composite sample from several level samples ex shoretank	
Location	: Evos Gent	
Sampling date	: 22-Aug-2026	
Batch n°	: 1001 / 22.08.2026	
Sample n°	: 5157058	

Test	Units	Method	Spec Limit	Result	
APPEARANCE					
Visual appearance		ASTME2680M	Clear, bright and visually free from solid matter and undissolved water at ambient fuel temperature	Clear, bright and visually free from solid matter and undissolved water at ambient fuel temperature	
Saybolt Color		ASTM D6045		+24	
Particulate count				Counts/ml	ISO Coding
Cumulative count for particles >=4 µm	counts/mL	IP 565	To report / ISO coding Max 19	256.5	15
Cumulative count for particles >=6 µm	counts/mL		To report / ISO coding Max 17	90.7	14
Cumulative count for particles >=14 µm	counts/mL		To report / ISO coding Max 14	12.1	11
Cumulative count for particles >=21 µm	counts/mL			3.6	9
Cumulative count for particles >=25 µm	counts/mL			2.1	8
Cumulative count for particles >=30 µm	counts/mL		To report / ISO coding Max 13	0.9	7
COMPOSITION					
Acid Number	mg KOH/g	ASTM D3242	Max 0.015	0.005	
Total aromatics	% (V/V)	ASTM D6379	Max 26.5	17.0	
Sulfur content	Wt %	ASTM D2622	A Max 0.30	0.0254	
Mercaptan Sulfur	Wt %	ASTM D3227	Max 0.0030	0.0010	
Refinery Components at point of manufacture					
Non-Hydroprocessed components (*)	% Vol	-		64.53	
Severely hydroprocessed components (*)	% Vol			7.58	
Synthetic components (*)	% Vol		Max 50.0	4.17	
VOLATILITY					
Initial Boiling Point	°C	ASTM D86	A	145.2	
10% Recovery	°C		Max 205.0	164.3	
50% Recovery	°C			195.4	
90% Recovery	°C			245.9	
Final Boiling Point	°C		Max 300.0	270.9	
Corrected Residue	Vol %		Max 1.5	1.2	
Corrected Loss	Vol %		Max 1.5	0.7	
Flash Point	°C	IP 170	A Min 38.0	39.0	
Density @ 15 °C	kg/m³	ASTM D4052	A 775.0 - 840.0	800.9	
FLUIDITY					
Kinematic Viscosity @ -4 °F/ -20 °C	mm²/s	ASTM D445	Max 8.000	3.910	
COMBUSTION					
Smoke Point (Automated)	mm	ASTM D1322	A Min 18.0	23.8	
Naphtalenes	Vol %	ASTM D1840	Max 3.00	1.24	
Net Heat of Combustion- Sulfur Corrected	MJ/kg	ASTM D3338	Min 42.80	43.280	

Test	Units	Method	Spec Limit	Result
CORROSION				
Copper Corrosion @ 100°C (212°F)/2 hr		ASTM D130	A Max 1	1a
STABILITY				
Test Temperature of Fuel	°C	ASTM D3241	A Min 260	260
Heater Tube Serial Number				25L87558
Heater Tube Deposit Color			<3, no Peacock or Abnormal colour deposits	<1
Maximum Pressure Drop Across Filter	mm Hg		Max 25	0
Spent Fuel Volume	ml			440
Deposit Thickness	nm		Max 85	10
Deposit Volume	mm3			0.00112
CONTAMINANTS				
Existent Gum Content	mg/100ml	IP 540	Max 7	<1
Vaporizing Medium used				Air
WATER SEPARATION CHARACTERISTICS				
MSEP-A Fuel with SDA		ASTM D3948	Min 70	95
CONDUCTIVITY				
Temperature	°C	ASTM D2624		20.0
Electrical Conductivity	pS/m		50 - 600	211
LUBRICITY				
BOCLE Wear Scar Diameter (*)		ASTM D5001		N/A
ADDITIVES				
Antioxidants (*)				
Anti-Oxidants		-		(*)
in hydroprocessed & synthetic fuels	mg/l			15.17
RDE/A/607	mg/l			0.01
RDE/A/608	mg/l			0.08
RDE/A/609	mg/l			14.77
RDE/A/610	mg/l			0.31
in non-hydroprocessed fuels-Optional	mg/l		Max 24.0	0.08
RDE/A/609	mg/l			0.08
in final batch	mg/l		Max 24	5.4
Metal Deactivator RDE/A/650 (*)				
Metal Deactivator		-		RDE/A/650 (*)
Static Dissipator RDE/A/621 (*)				
Static Dissipator		-		(*)
First doping - RDE/A/621	mg/l			1.01
Static Dissipator- First doping			Max 3.0	To follow
Cumulative after field re-doping			Max 5.0	To follow
Others				
Freezing point	°C	ASTM D2386	Max -47.0	-52.5
FAME	mg/kg	IP583	Max 50.0	13.5
Origin Synthetic material (*)		Batch data		Synthetic component is 100% SPK from hydroprocessed esters and fatty acids as per supplier info. Synthetic component HEFA-SPK complies with latest issue annex 2.

A = Test is under accreditation

(*) Applied at point of manufacture

Material conforms to the DEF STAN 91-091/Issue18 dated 21 February 2025 and AFQRJOS Checklist Issue 36 - March 2025 Specification requirements

Precision complies with the reference method. The analytical report is issued in the name and for account of the principal who recognizes that this report purely represents the situation at a given moment. The principal commits himself to disclose each time the complete report and not parts of the report. Reporting statements of conformity, opinions and interpretations which are included in this test report are considered beyond the scope of ISO/IEC 17025. Fax and E-mail copies have no legal force. This report can only be used within the specific context of the order and is only valid for the samples analyzed and for the company that gave the order. All orders are executed in accordance with the general conditions of the division "Independent Goods Surveyors and Laboratories" deposited with the Antwerp Chamber of Commerce and Industry on 8 June 2005. Reg. of Commerce Antwerp No 114.231

By submitting this test request, unless otherwise agreed in writing, you (the client) accept and acknowledge that we (Intertek) will apply Simple Acceptance when establishing conformity of test results with any given specification, except where the given specification provides clear decision rules, which would take precedence. Since the "Simple Acceptance" decision rule can have an associated probability of false acceptance as high as 50%, you are advised to review the guidance in ILAC G08:09/2019 (and specifically ISO4259/IP367 for standard petroleum methods) to understand the significance of the uncertainty of measurement in relation to any conformity statement we produce.

This certificate has been authorised by: Junior Goossens on Tuesday, August 25, 2026



105 - TEST

Junior Goossens
Laboratory Supervisor
Intertek Belgium nv

A handwritten signature in blue ink, appearing to be 'J. Goossens', written over a light blue horizontal line.