

INDEPENDENT

BATTERY CERTIFICATE



CERTIFICATE NUMBER: 71841E63-E1B0-48E9-B05E-D37494BE5814

VEHICLE

BRAND: Chevrolet
MODEL: Blazer EV - 85 kWh

MILEAGE: 21,514 mi
VIN: 3GNKDBRJ3RS228950
DATE AND TIME:
8/8/26, 12:00 PM

EXECUTED BY: Reds Auto and Truck

RESULTS

Independent
STATE OF HEALTH (SOH)

100.8 %

ENERGY

90kWh | 90kWh

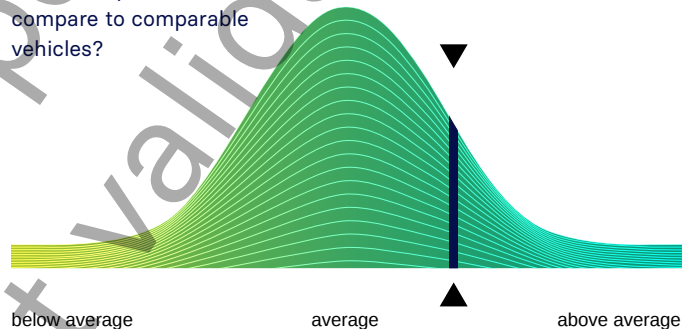


WLTP RANGE

RATING

BENCHMARKING

How does your vehicle
compare to comparable
vehicles?



CHECKS

Battery Management System (BMS) ✓

Battery Sensor ✓

Battery Measurements ✓

Battery Cell Voltages ✓

Vehicle Communication ✓



SCAN FOR

EVALUATION

EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in excellent condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO



ENERGY

	Gross	Net (Nominal)	Usable
Current:	93.2kWh	90.4kWh	88.6kWh
New:	92.5kWh	89.7kWh	87.9kWh

RANGE

	WLTP	Typical
Current:		
New:		

EXECUTION PROTOCOL

AVILOO Box connected.	12:00:51
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

MESSAGES

The calculated SoH is over 100%, which means that your vehicles battery can store more energy than that of an average new vehicle of the same type. For more information, please scan the QR code.

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓

BMS

	Value	Status
BMS State of Charge (SoC)*:	71%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	105%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	75.2F	77.0F	1.8F	✓
Cell Voltage	3.929V	3.935V	6mV	✓
Pack Voltage	314.3V			
Average Current	-9.5A			

Vehicle not supported yet, results not validated

*The values shown here were read directly from the vehicle's battery management system (BMS) and are calculated and provided by the vehicle manufacturer. The State of Health (SoH) displayed corresponds to the value reported by the BMS and is CARA-certified.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOO's algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Management System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.