

INDEPENDENT

Certificate issued by

Electric Vehicle Battery Certificate



Certificate number: 20260914.202
Certificate creation time: 2026-09-14, 15:38

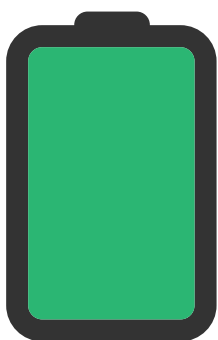
Test results

Date and time of test: 2026-09-14, 15:20

Test performed by:

kvdbil

State of health (SOH)



100 %

Battery capacity

Estimated capacity



Factory new capacity

WLTP range

Estimated WLTP



Factory new WLTP

53 km

53 km

Diagnostics

	MIN	MAX	DELTA
Battery temperature	18.0°C	18.0°C	0.0°C
Cell voltage	3.8V	3.82V	20mV

Vehicle information

Registration number	VIN	Brand / Model	Odometer distance
ABR73A	KNAGV81FBL5043256	KIA Optima	175840 km
Battery type			
NMC			

Method and control

Battery assessment is based on diagnostic data retrieved from the vehicle's OEM Battery Management System (BMS) and comparative reference data from similar vehicle models.

Attest

The test was executed according to the OptiLedger SOH procedure with no known technical issues during data acquisition.

Disclaimer

Results represent an estimated assessment of battery condition at the time of testing and do not constitute a warranty or guarantee of battery capacity, performance, or remaining lifetime. The original WLTP range is determined and published by the vehicle manufacturer under standardized laboratory test conditions. The estimated WLTP presented in this report is calculated from diagnostic data and reference parameters and does not represent actual driving range. Real-world range may vary depending on driving conditions, temperature, load, and driving behavior. Full methodology, limitations, and liability disclaimer available at: https://optiledger.se/legal/optiledger_battery_test_methodology_and_disclaimer.pdf.