

# C-AHI

## China-Automobile Health Index

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### Health Protection Index Overall Evaluation Protocol

(Version 2023)

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## Health Protection Index - Overall Evaluation Protocol

### 1 Scope

This document specifies the overall evaluation method of China-Automobile Health Index - Health Protection Index.

### 2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute indispensable provisions of this document. For dated references, only the dated edition applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

CAHI-SM-HPI.VAR-A0-2023 Health Protection Index - Vehicle Allergens Risk Test and Rating Protocol

CAHI-SM-HPI.VAA-A0-2023 Health Protection Index - Vehicle Antibacterial and Anti-mildew Testing and Evaluation Protocol

CAHI-SM-HPI.EMR-A0-2023 Health Protection Index - Vehicle Electromagnetic Radiation Testing and Evaluation Protocol

### 3 Evaluation Method

The health protection index score  $S$  is calculated according to the weight of 40% for vehicle allergens risk, 30% for vehicle antibacterial and anti-mildew and 30% for vehicle electromagnetic radiation. The Health Protection Index - Overall Evaluation is presented by stars: 1-star for the vehicle type scoring  $[60, 70)$  points, 2-star for one scoring  $[70, 80)$  points, 3-star for one scoring  $[80, 85)$  points, 4-star for one scoring  $[85, 90)$  points, and 5-star for one scoring  $[90, 100]$  points. The evaluation method is detailed in Table 1. If scoring  $[95, 100]$  points, the evaluated vehicle type will be rated at 5-star +.

**Table 1 Health Protection Index - Overall Evaluation**

Rating	Score Range	Rating Sign
1-star	$60 \leq S < 70$	★
2-star	$70 \leq S < 80$	★★
3-star	$80 \leq S < 85$	★★★
4-star	$85 \leq S < 90$	★★★★
5-star	$90 \leq S \leq 100$	★★★★★