BAC Tracker

How to . . .

Change Report Preferences

BAC TRACKER
International, Inc.

From the Dashboard, select "Report Preferences" to enter default report values.
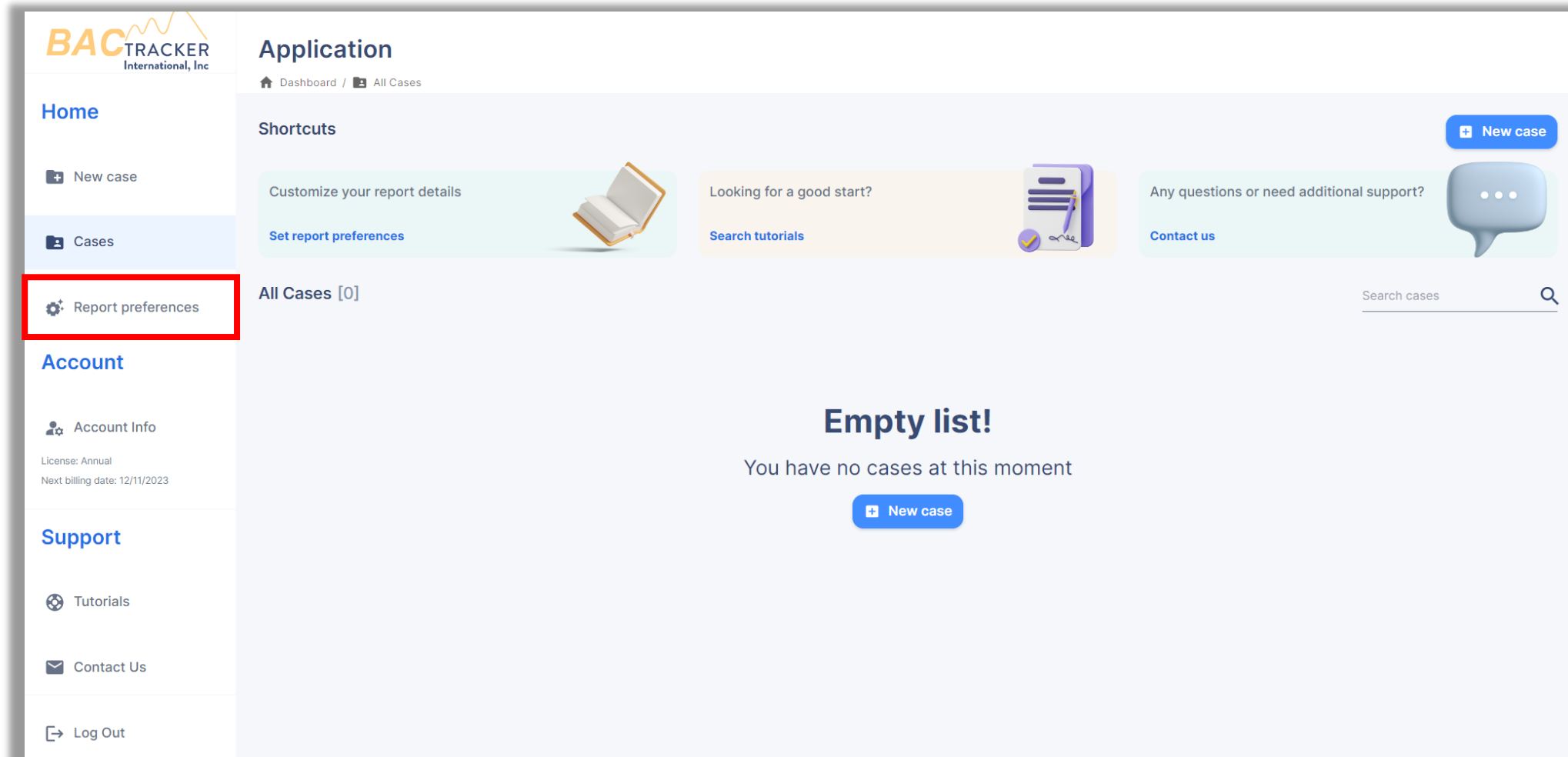
Enter the defaults for Units, Standard Drink definition, and Graph Settings preferred when generating new cases and reports. Define "Standard Drink" in terms of 100% alcohol by volume (alc/vol). For example, 0.6oz of 100% alc/vol = 12oz of 5% alc/vol or 1.5oz 40% alc/vol

Units

ⓘ Which units would you like to use for calculations?

Weight: ◉ lb   ○ kg

Height: ◉ in   ○ cm

Volume: ◉ oz   ○ ml

Standard drink

ⓘ What is defined as a "standard" drink?

[0.6]   oz of ethanol (100% alc/vol)

Graph Settings

ⓘ How would you like the graphical results to appear on the report?

Graph

○ Lines   ◉ Shades

Lines

◉ Color   ○ Pattern

View/Hide

ⓘ Select whether Peak Alcohol Concentration and Loading Factor should appear on the report.

☑ Peak Alcohol Concentration

☑ Loading Factor

Absorption and Elimination Defaults

ⓘ What are the lower and upper bounds for the default absorption rate and elimination rate values?

Absorption Rate		Elimination Range	
Slow:	2.5	Lower:	0.01
Fast:	6.5	Upper:	0.025

BAC Uncertainty

ⓘ Enter the uncertainty interval that should be included in the known BAC value

Uncertainty: [0.000]

Windmark Constants

ⓘ What values should be used for calculating Widmark volume distribution?

Male: [0.68]

Female: [0.55]

Report Logo

ⓘ If you would like to add a custom logo to appear on the reports, please add a logo file.

Choose file

[+]

[Remove]

[💾 Save]   [↻ Restore defaults]

Absorption rate values can range between 1.0 (very slow absorption) and 8.0 (very fast absorption). Recommended default values are 2.5 and 6.5. Elimination rate values can range between 0.005 g/dl/hr^{-1} (very slow elimination) and 0.035 g/dl/hr^{-1} (very fast elimination). Recommended default values are 0.010 g/dl/hr^{-1} and 0.025 g/dl/hr^{-1} .

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4

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Enter a known Quality Assurance/Quality Control (QA/QC) uncertainty associated with the analytical method of obtaining a known BAC value, e.g., +/- 0.005g/dl. If no uncertainty is desired, enter 0.000.

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Widmark constant values typically range between 0.68 +/- 0.17 for males and 0.55 +/- 0.11 for females. Recommended default values are 0.68 for males and 0.55 for females.

Units

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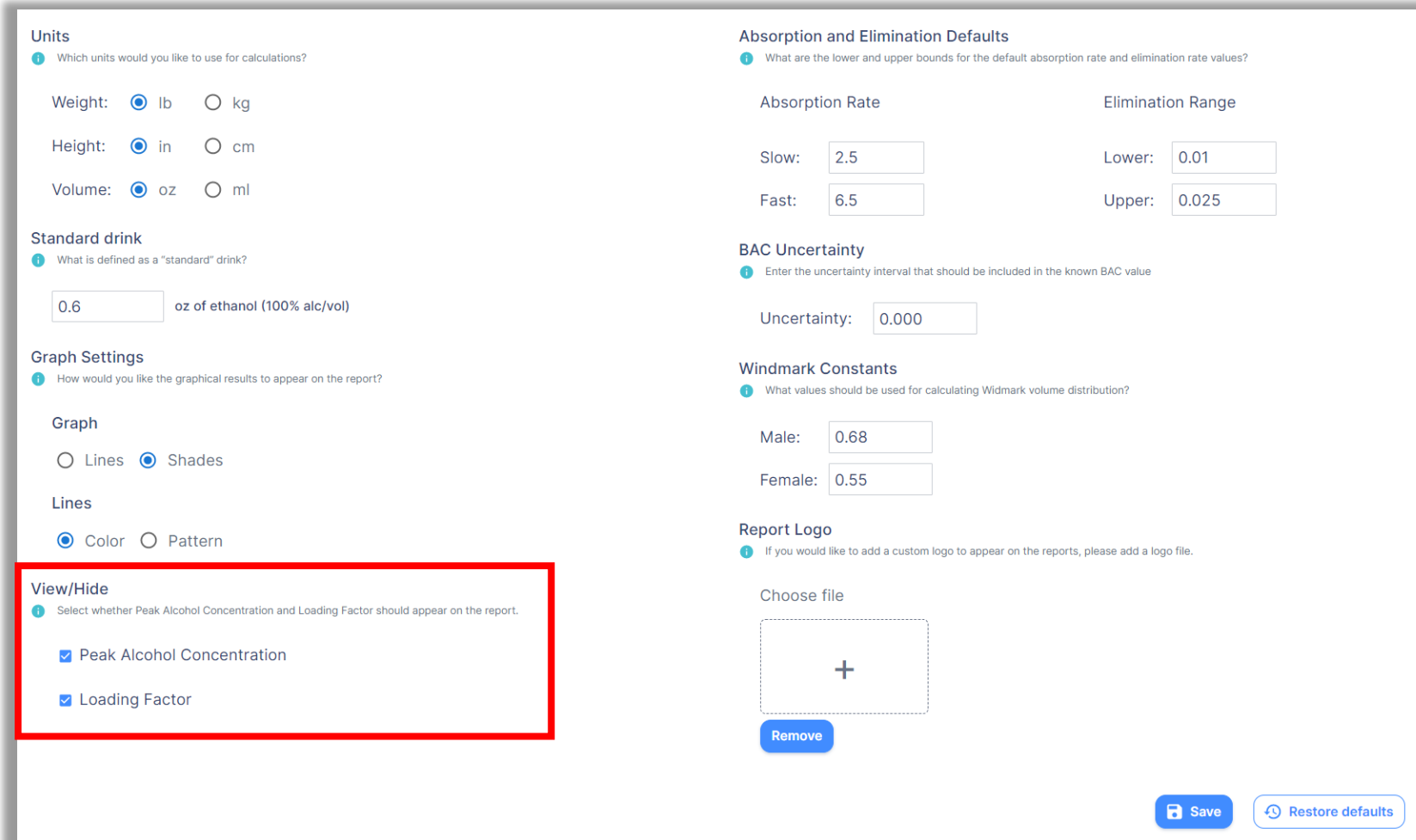
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6

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Check the box to display the peak alcohol concentration and time of peak alcohol concentration on the Alcohol Extrapolation Report. Check the box to display the "Loading Factor" on the report. The "Loading Factor" is the theoretical maximum alcohol concentration that could be achieved in an estimation assuming the alcohol was administered instantaneously.

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Upload your own logo to appear on each report, if desired.

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8

Once user defaults are entered, click "Save."

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