

**ROCK MAKER® Release Notes**

Last Updated: August 29, 2024

Version 4.7 Hotfix 3**August 29, 2024****Fixed:**

- The incorrect format of final auto scores in Windows with the Netherlands regional format.
- [Experiment Page] [Tools] The malfunctioning formatting buttons in the **Annotate** field of the **Tool Options** section.
- [Experiment Page] An error when opening a drop image with a newly created crystal mask.
- [Experiment Page] [Tools] An error when resetting **Image Tuning**.
- [Experiment Page] [Drop Submenu] An error when clicking the **Harvesting** button of a loading drop image.
- [Experiment Page] [Score Panel] The duplicated auto scoring data.
- [Screen Experiment Wizard] The truncated **Volume** field in the **Selected Screen(s)** section.
- [Screen Experiment Wizard] The unapplied customized protein drop and solution volumes.
- [Screen Experiment Wizard] The uncreated experiments for non-default temperature.
- [Screen Experiment Wizard] The misaligned checkboxes in the **Selected Incubation Temperature** section.

Version 4.7 Hotfix 2**July 15, 2024****Fixed:**

- **[Tools Panel]** The unapplied **Image Tuning** value from the **Canvas** to the **Drop** menu and vice versa.
- The displayed **Print Barcode** button in the **Explore** menu although disabled from **User Preferences**.
- **[Settings] [Find Orphan Images Submenu]** The unupdated **Results** section when performing orphan image searches in another directory.
- The undisplayed scores in the image section of an experiment report.
- An error when logging in to a newly upgraded software version.
- **[Score Panel]** An error when modifying the **Auto Score Threshold** section of the **Filter** tab.
- The incorrect online help version link in the **Help** button.
- **[Image Management Task]** The stuck progress bar in the **Results** tab when executing a task without selecting a lightpath.

- **[Image Management Task] [Results Tab]** The undisplayed task preview in the result table when executing a deletion task.
- **[Experiment Page]** The malfunctioning hotkeys when scoring images manually in the **Drop, Well,** or **Compare** menu.
- **[Experiment Page]** The malfunctioning manual score removal feature using hotkey in the **Drop, Well,** or **Compare** menu.
- **[Experiment Page]** The undisplayed tooltip when hovering over scores in the **Drop, Well,** or **Compare** menu.
- The auto scoring inability to score visible images recognized as non visible images in some experiments.
- The inconsistent **Unscored Images Count** value in the **Auto Score Status** dialog box.
- The intermittent failure to save auto scores in the ROCK MAKER database.

Version 4.7 Hotfix 1

June 3, 2024

Fixed:

- The malfunctioning arrows of the well button in the bottom bar preventing users from navigating through wells in a newly created screen.
- *(User Interface)* The unnecessary **Finish** button in the **Batchload Experiments** wizard and lowercase **Exit** button.
- *(User Interface)* The inconsistent text spacing in the **Optimization Wizard**.
- *(User Interface)* The unnecessary **BACK** and **OPTIMIZE** buttons in the last section of the **Optimization Wizard**.
- The ROCK MAKER version 4's log format to follow the log format in ROCK MAKER desktop software.
- The unapplied image tuning to other menus on the experiment page.
- The unnecessary scroll bar in the **Layers Design** panel when adding ingredients to a grid, protein, or fragment layer.
- The unaligned header and content in the **Action** column of the **Search All** window.
- The unhighlighted **Edit** and **Delete** buttons in the **Standard Ingredient** section when hovered over during a protein formulation creation.
- An irrelevant notification after deleting an ingredient type in the **Protein Formulation** tab.
- *(ROCK MAKER Installation)* The unterminated **Maintenance Mode Service** in Task Manager after exiting ROCK MAKER version 4 installation wizard.
- The disappearing image tools created when using **Slide Show** in the **Compare** or **Well** menu upon exiting **Slide Show**.

- A failure to paste default screens into a screen folder.
- The undisplayed drop information in the **Plate Drops** section of the **Plate Types** submenu after editing a plate specification.
- The undisplayed project name in the **Project** field of a generated synchrotron trip report.
- An error when importing an XML screen file with resolved conflicting ingredients.
- The missing plus icon between the second and third volume information in the **Drop** field of an ingredient report.
- (*Searches*) The unaligned header and content of the search result table in the **Result** menu.
- (*ROCK MAKER-NT8 Integration*) The undisplayed newly created plate type in the **NT8: Intermediate Plate** dropdown in the **Dispensing Properties** submenu.
- The failure to cut, copy, or paste a search and filter file in the **Searches** node.
- (*ROCK MAKER Installation*) The blank space in the ROCK MAKER installation wizard.
- (*ROCK MAKER Installation*) The unloaded configuration file in the **Configuration File** field of the ROCK MAKER installation wizard.
- (*ROCK MAKER Installation*) The enabled **Login** and **Password** fields after selecting Windows Authentication in the **Authentication** field of the ROCK MAKER installation wizard.
- (*Searches*) The displayed plate drop in the **Design** submenu of the **Canvas** menu to follow the plate type definition.
- (*ROCK MAKER Installation*) The irrelevant error notification during the ROCK MAKER installation.
- The displayed **Rock Maker Lite** option when signing in to a ROCK MAKER without a ROCK MAKER Lite license.
- (*Searches*) The undisplayed manual scores in the **Image** submenu of the **Canvas** menu.
- (*ROCK MAKER-ROCK IMAGER Integration*) The failure to differentiate the uppercase and lowercase in an experiment barcode scanning.
- The undeleted 0 value in the **Older Than** field of the **Image Management Task** tab.
- The displayed deleted images in the **Image** submenu of the **Canvas** menu and the **Loading Image** state of the deleted images in the **Drop** menu.
- The unspecified auto scoring model's name in the auto scoring log file.
- (*Explore Menu*) The unavailable scroll bar in the **Analyze** option of the **More** button.
- (*Explore Menu*) The unavailable arrow buttons in **Searches** and **Projects** of the **Analyze** option.
- (*ROCK MAKER-ROCK IMAGER Integration*) Unmarked expired plates when skipping all imaging schedules.
- The unhighlighted **Delete** buttons in the **Group** panel within the **Layers Design** panel when hovered over.
- The unapplied inherited scores in an experiment.
- The database backup failure when upgrading from ROCK MAKER version 4.6 to ROCK MAKER version 4.7.

- The malfunctioning **Lock** radio button in the **Tools** panel while working with Point of Interest (POI).
- The undisplayed recently opened fragment screen in the **Recently Opened** section of the ROCK MAKER main page.
- Incomplete information about a fragment screen condition in the side panel of the **Explore** menu.
- The disabled **Image Tools** buttons in the **Tools** panel when switching from the **Drop** to **Well** menu.
- The unadjusted image areas in the **Compare** menu of a search and filter file.
- The enabled **Force Unlock** option in the **More** button when selecting an unlocked item.
- The undisplayed conflicting ingredient icon of the missing stock ingredient in the **Conflict Ingredients** section of the **Import Ingredients Options** dialog box.
- An error when zooming in on the **Canvas** menu after importing an inspection package from the desktop software.
- (*Settings Menu*) The table width in the **User and Group** tab of the **Administrator** submenu and the displayed **ROCK MAKER Lite** column in the **User** section for ROCK MAKER without a ROCK MAKER Lite license.
- The undisplayed expired experiment plate icon on an imaged experiment.
- An irrelevant notification when deleting an in-use experiment plate.
- (*Searches*) A performance issue when hovering on tooltips, scrolling results, and switching between submenus in the **Canvas** menu.
- An inaccurate zooming in the **Canvas** menu of a search and filter file.
- The malfunctioning hotkeys when scoring images in the **Drop** menu.
- The inconsistent **Auto Score Next Well** status when moving to other menus.
- (*Drop Menu*) The score applied to both drops when scoring only one drop.
- The mirrored mouse pointer in the **Well** menu.
- The randomly selected well when clicking on the Canvas menu's blank space.
- The malfunctioning copy-paste feature in protein formulation.
- The failure to re-open a recently closed protein formulation from the **Explore** menu or the **Recently Opened** section on the ROCK MAKER main page.
- The system printing a folder name instead of a project name.

Version 4.7 BETA

May 6, 2024

Added:

- The **Searches** menu to find items based on particular criteria.
- (*Administrator only*) The **Image Management Task** tab to the **Imaging** submenu of the **Setup** menu.
- The **Import DoE** feature to import ingredients during a grid layer creation.
- Fragment screen and fragment layer features to the experiment design.

- *(Administrator only)* The **Find Orphan Images** submenu to the **Settings** menu.
- The **Rotate Canvas** feature to the experiment design.
- *(Administrator only)* The **Dispensing Properties** submenu to the **Setup** menu.
- ROCK MAKER Lite, the upgraded version of ROCK MAKER Web.
- The **Screen Repair** feature to the experiment design.
- The ROCK MAKER Version 4 auto scoring functionality, allowing users to work with auto scoring, send images for retraining, and dispute auto score without relying on ROCK MAKER Version 3.
- A keyboard shortcut for multiple-item selection.
- ROCK MAKER Version 4 - ROCK IMAGER Version 3 integration, enabling imaging features.

Improved:

- Software behavior by adding a version mismatch notification upon login, ensuring database and application compatibility.

Fixed:

- Malfunctioning simultaneous manual scoring when scoring multiple drop images.
- Inconsistent font size in the **Single Drop Report Options** dialog box.
- The failure to update well and layer colors from the **User Preferences** submenu.
- An unnecessary prompt when switching to another menu during a screen creation.
- An incorrect canvas display when generating an experiment report with design report information.
- The reduced scribble size when scribbling in the **Drop** and **Compare** menus.
- The displayed unimaged wells in the **Slide Show** window.
- The failure to apply default incubation and setup temperature values set in **User Preferences** to a new experiment.
- The undisplayed notification when printing an ingredient label from the **Ingredients** submenu of the **Setup** menu.
- The different plates used in an optimization experiment and the original experiment.
- The undisplayed warning message when updating a default non-buffer ingredient stock.
- Undisplayed multiple scores when generating a score report.
- Undisplayed image tools added to drops from the **Slide Show** window after closing it.
- The missing information in the synchrotron trip report.
- The unhighlighted **High pH** field in the **Standard Ingredient** section after selecting a **Low PH** during a protein formulation creation.
- Unaligned fields in the **Standard Ingredient** section in a protein formulation tab.
- An unnecessary error message when optimizing an experiment.
- An error when optimizing selected wells from one column into a grid layer.

- (*Screen Experiment Page*) The undisplayed selected screen lot in the **Design** submenu of the **Canvas** menu if it was other than Lot 0.
- The undisplayed imported ingredient concentration in the **Ingredients** section during a protein formulation creation if it was less than 1mM.
- The accessible **Image Now** feature in ROCK MAKER Design Edition.
- The accessible **Imaging** and **Crystal Container** submenus in the **Setup** menu in ROCK MAKER Design Edition.
- The insufficient information displayed by the **CHECK UPDATE** button in the **Licensing** submenu.
- The unreset manual leveling values in the **Image Tuning** section upon discarding changes.
- The undisplayed **Absolute Time** in the **Navigator** panel.
- The undisplayed screen name in the **Ingredients** submenu of the **Canvas** menu.
- The crashing system when switching from the **Canvas** menu to the **Well** menu on the experiment page.
- An error when navigating through wells in an inspection with numerous capture profiles.