

Addendum to EasyMatch QC and EasyMatch QC ER User's Manual

Description

This document describes a CMR3082 modification to the EP Pharmacopoeia Color correlation in both EasyMatch QC and EasyMatch QC ER software to add 5 custom GSK Color Standards as additional targets for comparison measurement.

Installation

Install the software as described in the EasyMatch QC/ER Installation Guide. When prompted to install the hardware key, use the special key shipped with this CMR.

Operation

In an EZMQC job, select "EP 10-mm" in the Color Data Configuration as matching the path length of cell they are using.

Standardize the instrument in TTRAN LAV UV Filter Nominal transmission mode using a 10-mm path length cell filled with distilled water. The cell can be mounted in the L02-1012-202 Semi-Micro Cell Holder.

It is advised that the user read back the cell filled with distilled water as an OQ (Operational Qualification) step with an expected reading of $L^* = 100$, $a^* = 0$, $b^* = 0$ D65/10 and EP 10-mm = "Water" being displayed.

The user then reads a product color sample with the corresponding L^* , a^* , b^* D65/10 color values along with the nearest correlated EP or GSK Color Standard being reported based on smallest color difference to the target colors.

Target colors for the five (5) additional GSK color standards are:

EP 10-mm Target Values in CIE L^*, a^*, b^* D65/10
--

EP 10-mm	L^*	a^*	b^*
Water	100.000	0.000	0.000
GSK GY1	95.163	- 16.142	71.454
GSK GY2	97.512	- 15.161	47.981
GSK Y1	95.429	- 13.613	61.394
GSK Y2	96.904	- 13.099	45.816
GSK Y3	97.974	- 11.476	34.300