Comparing Prednisone Tablet RS and DPVS - Prednisone RS

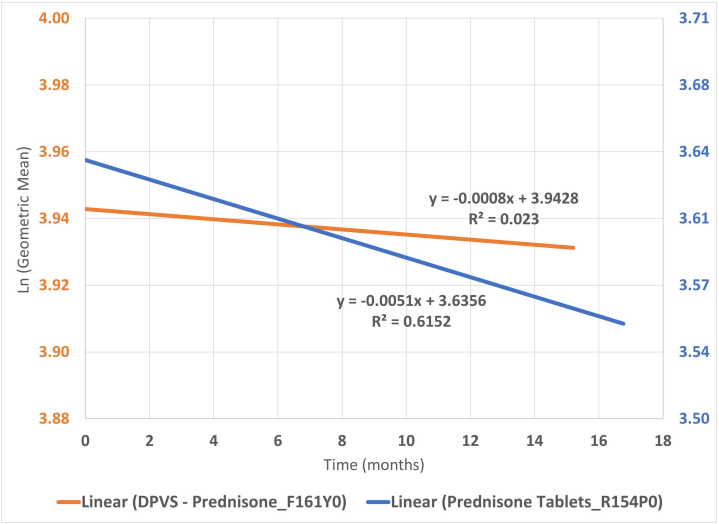
Dissolution Performance Verification Standard (DPVS) - Prednisone tablets have been developed to create greater reassurance in the performance qualification of Dissolution Apparatus 1 and Dissolution Apparatus 2. This will be the official standard for PVT when the proposed revision for USP General Chapter <711> *Dissolution* becomes official.

The Performance Verification Test, General Chapter <711>, is a holistic test that demonstrates the operation of the entire instrument setup. Now using the DPVS – Prednisone, you can expect greater accuracy with %CV under 5% in both apparatus 1 and 2. Check out what's different below!

Comparison of attributes of current product (USP Prednisone Tablets RS) and new product (DPVS - Prednisone):

	Prednisone Tablets (Item No. 1559505)	**DPVS - Prednisone** (Item No. 1222818)
Product Name	Prednisone Tablets	Dissolution Performance Verification Standard – Prednisone
Testing Procedure	*USP* <711> *Dissolution*	*USP* <711> *Dissolution*
Pack Size	30 tablets	30 tablets
Media Degassing	Sensitive to media degassing	Less sensitive to media degassing compared to Prednisone Tablets
Appearance	Convex tablet	Ball-shaped tablet
Attribute 1	Dissolution Apparatus 1 (GM/%CV): 57 / 11%* Dissolution Apparatus 2 (GM/%CV): 35 / 6%*	Dissolution Apparatus 1 (GM/%CV): 86 / 4%* Dissolution Apparatus 2 (GM/%CV): 51 / 3%*
Attribute 2	Difference between ideal instrument setup and perturbed is primarily sensitive for Apparatus 2	Difference between ideal instrument setup and perturbed is >3%, for both Apparatus 1 and Apparatus 2

**Based on a single run of n=6*



This graph shows the stability data from the preliminary performance monitoring data for Apparatus 2.

Questions?

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