Product Information SF Diff Control

Product description
SF Diff control is a tri-level whole blood control preparation, intended for use in Hemocytometry to monitor daily accuracy and precision of Sysmex hematology instruments.

Ingredients
SF Diff Control contains Human RBC, mammalian WBC and platelets. All cells are suspended in a plasma like fluid. SF Diff Control is manufactured in such a way that it simulates whole blood. The following hemocytometric values may be obtained: tWBC, %NE, %LY, %MO, %EO, %BAS, RBC, HGB, Hematocrit, MCV, MCH, MCHC, PLT and all other values directly derived from those listed.

Suitability
SF Diff Control is suitable for use on Sysmex SF-3000. The Controls are supplied with Assay Value Sheets.

Product Stability
SF Diff Control is stable for 3 months. Opened vials remain stable for minimum 2 weeks, when used in accordance with the instructions for use. Unopened vials may be stressed for 48 hours at 18°C maximum, without losing product integrity.

Availability
SF Diff is available in the following pack sizes:

Vial	Package	Product Nr.		
		Low	Normal	High
4.5 ml	Pierceable	3693	3694	3695

Delivery schedule and ordering info
SF Diff Control is manufactured and delivered on a 9 weeks schedule. Every 3rd week of the following calendar months: February, April, June, August, October and December. Orders are guaranteed when ordered in time, according the delivery schedule.

Additional
The J.T.Baker's quality assessment program, Rapid Stat will be available for users of SF Diff control in the near future. The assay value sheet of SF Diff control lists the following parameters:

Parameters SF-3000
WBC (10^9/L)
RBC (10^{12}/L)
HGB (g/dL) and (mmol/L)
HCT(%) and (L/L)
MCV (fl
MCH(pg) and (fmol)
MCHC (g/dL) and (mmol/L)
RDW (fl)
RDW-CV (%)
PLT (10^9/L)
PDW (fl)
MPV (fl)
P-LCR (%)
NEUT # (10^9/L)
LYMP # (10^9/L)
MONO # (10^9/L)
EOS # (10^9/L)
BASO # (10^9/L)
NEUT (%)
LYMP(%)
MONO (%)
EOS (%)
BASO (%)
GRAN-X
GRAN-Y
WBC/BA-X
WBC/BA-Y
GRAN-Y (W)

Expected Histograms
SF Diff normal