



Fresenius Medical Care SERVICE BULLETIN

Equipment: GranuFlo
Bulletin: 05-GRN-001 Rev. A
Subject: Change to Specific Gravity Limits (Update)

Originated By (Dept):	Reviewed By	Approved By	Effective Date
J. Fox (TSD)	Ken Cogswell	ECO# 15337	4/26/05

Distribution: Dir TS (M. Lowery), TS Mgr (K. Cogswell), QS (M. Owen), QE (R. Fox), Eng (D. Gavin), Prod MGR (B. Rogers), Tng (B. Hassard)

1.0 PURPOSE

To inform all Field Service and Technical Support personnel of the change to specific gravity limits on GranuFlo Dry Acid Concentrates.

2.0 SCOPE

In keeping with the AAMI requirements for concentrate manufacturers we have adjusted the limits for specific gravity measurements on GranuFlo Dry Acid Concentrates. The new limits have been widened to $\pm 2.5\%$ meeting the new AAMI requirements. On page 2 of this bulletin is the table of limits for all formulations. These new limits provide the same level of safety while giving slightly more latitude for small variations in the mixing process.

Although there is no harm in continuing to use your current table of limits, we are recommending you replace that table with the new one. The new table includes limits for newly released formulations not covered in the old table.

Table 1 on page 2 is being incorporated into the operator's manuals for both the 99-gallon and 132-gallon dissolution systems.

If there are any questions regarding this bulletin, contact Fresenius Technical Support at 800-227-2572.

Specific Gravity Ranges

All values are at 20°C (68°F)

1000 SERIES 1:35.83 Proportioning

Specific Gravity Range

Part #	Low	High
0FD1003-3B (NP)	1.148	1.156
0FD1008-3B (NP)	1.148	1.156
0FD1018-3B (NP)	1.133	1.141
0FD1029-3B (NP)	1.148	1.156
0FD1041-3B (NP)	1.147	1.155
0FD1042-3B (NP)	1.147	1.155
0FD1052-3B (NP)	1.146	1.154
0FD1062-3B (NP)	1.149	1.157

2400 SERIES 1:44 Proportioning

Specific Gravity Range

Part #	Low	High
0FD2401-3B (NP)	1.208	1.218
0FD2418-3B (NP)	1.205	1.215
0FD2419-3B (NP)	1.209	1.219
0FD2426-3B (NP)	1.210	1.220
0FD2441-3B (NP)	1.206	1.216

3000 SERIES 1:34 Proportioning

Specific Gravity Range

Part #	Low	High
0FD3006-3B (NP)	1.171	1.179
0FD3007-3B (NP)	1.169	1.177
0FD3013-3B (NP)	1.166	1.174
0FD3018-3B (NP)	1.168	1.176
0FD3026-3B (NP)	1.170	1.178
0FD3041-3B (NP)	1.167	1.175

Table 1