

JIGSAW MAGNESIUM SUSTAINED RELEASE TECHNOLOGY PROFILE

Challenge: Some consumers, especially those with gastrointestinal challenges, report difficulty tolerating magnesium supplements at high dosages (300 - 500mg, 75% - 125% of the RDI); they often complain of diarrhea as an unwanted side effect.

Formula Purpose & Design: The intention of Jigsaw Magnesium w/SRT® (Sustained Release Technology) is to *decelerate* the release of the active ingredients (namely, dimagnesium malate) utilizing a propriety blend of microcrystalline cellulose, modified cellulose, and croscarmellose sodium.

Goal: Maximum tolerability and absorption to increase compliance and achieve desired benefits.

Tested by Analytical Labs of Anaheim; Method USP for dissolution and AICP05A for assay Mg.

Lot #0709016 of Jigsaw Magnesium w/SRT	0 hour	1 hour	2 hour	3 hour	4 hour	5 hour	6 hour	7 hour	8 hour
Amount of Magnesium Dissolved	0	53.9	77.3		100		109		117
% Dissolved (out of 135mg, the assay amount)	0	39.9%	57.3%		74.1%		80.7%		86.7%

