

# JIGSAW MAGNESIUM w/SRT® (SUSTAINED RELEASE TECHNOLOGY) DISSOLUTION 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® is to *decelerate* the release of the active ingredients, utilizing a propriety blend of plant based fibers (microcrystalline cellulose, modified cellulose, and croscarmellose sodium).

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

**Dissolution Testing:** Performed by Analytical Labs of Anaheim; Method USP for dissolution and AICP05A for assay Magnesium.

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%

