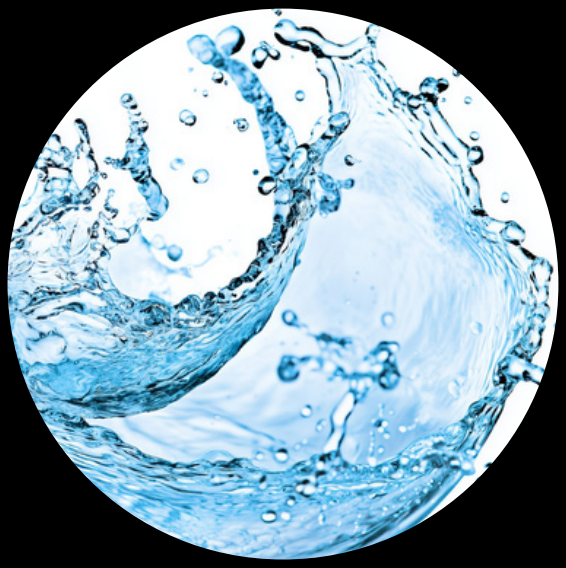
tagra



Water Soluble Technology

Many active ingredients for skin, scalp, and hair treatments are poorly water-soluble, complicating formulation. Tagra's innovative technology converts these compounds into highly water-soluble powders.

Tagra's approach uses complexation with polymers, medium chain fatty acids, and additives to enhance solubility, ensure stability, and preserve the integrity of active ingredients.

Tagra's technology converts complexed materials into microcapsules, encapsulating water-insoluble compounds in a soluble format. These microcapsules provide exceptional solubility and enable seamless integration of challenging active ingredients into innovative formulations.

WS SA50™ enables effective, alcohol-free Salicylic Acid formulations for skincare and haircare without discoloration or recrystallization. It boosts Salicylic Acid water solubility from 0.2% to 5% at an acidic pH, eliminating the need for organic solvents and offering unparalleled formulation freedom.

WS Biotin™ enables high-concentration D-Biotin formulations for hair, scalp, and skin health without crystallization. It increases Biotin water solubility from 0.02% to 2.2% at an acidic pH, eliminating the need for solvents. Higher concentrations deliver core benefits like stronger hair, a healthier scalp, and improved skin barrier function.

Product Name	INCI Name	Encapsulated Material	Loading Capacity (%)	Particle Size
WS SA50™	Salicylic Acid, Sodium Polyacrylate	Salicylic Acid	45-55	White powder
WS Biotin™	Biotin, Caprylic Acid, and PVP	D-Biotin	45-50	White powder

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