

THE DOZN™ SCALE



Based on the 12 Principles of Green Chemistry*, DOZN helps researchers, scientists, and manufacturers increase performance and efficiency while reducing human and environmental impact.

*Paul T. Anastas and John C. Warner, 1991.

β-Nicotinamide adenine dinucleotide hydrate (N7004)

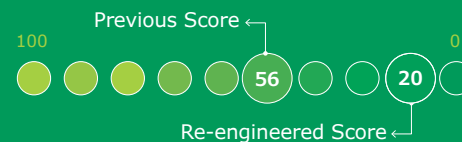
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	19%	Increased yield. Used less raw materials
	Waste Prevention	54%	Reduced waste by decreasing solvent usage
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	54%	Replaced organic solvents with aqueous solvent
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	67%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	54%	Eliminated corrosive and toxic hazards
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	55%	Replaced hazardous organic solvent with aqueous conditions
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	54%	Eliminated the use of corrosive acids and bases

TOTAL PERCENT IMPROVEMENT

64%

AGGREGATE SCORE

0= Most Desirable



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