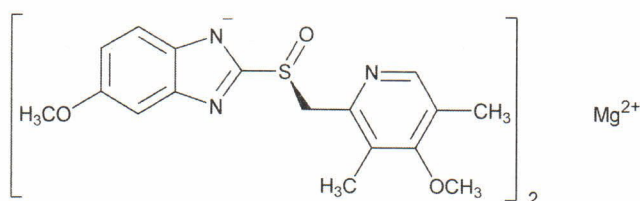




Batch no A-15312506006  
Mf date Jun 23 2025  
Retest Jun 22 2028

Molecular Structure



Molecular Formula  $C_{34}H_{36}MgN_6O_6S_2 \cdot 3H_2O$

Molecular Weight 767.17

CAS Registry Number 217087-09-7

Sep 08 2025

Tests	Specifications	Results
Appearance	White to slightly colored powder	Conforms
Solubility	Dissolved in methanol, slightly soluble in water, almost insoluble in heptane	Conforms
Identification	IR	Positive
Appearance of solution	At 440 nm, Absorbance $\leq 0.2$	0.027
Water	6.0 ~ 8.0%	7.6%
Related substances	Omeprazole N-oxide $\leq 0.1\%$	0.005%
	Omeprazole sulfonamide compounds $\leq 0.2\%$	ND
	Other unknown monohetero $\leq 0.1\%$	0.012%
	Total impurities $\leq 0.5\%$	0.05%
Enantiomeric purity	Enantiomeric $\leq 0.2\%$	ND
Magnesium content	3.3 ~ 3.55%	3.46%
Residual solvents	Acetone $\leq 5000$ ppm	5 ppm
	Methylene chloride $\leq 100$ ppm	ND
	Methanol $\leq 3000$ ppm	20 ppm
	Toluene $\leq 890$ ppm	1 ppm
	Benzene $\leq 2$ ppm	ND
Assay (oab)	98.0 ~ 102.0%	100.4%

Packaging & storage	Preserve in tight containers, protected from light. Store at room temperature
Conclusion	Material complies with USP-NF

