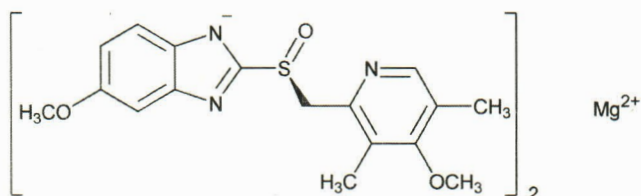




Batch no 2026081501
Mf date Aug 15 2026
Retest Aug 14 2029

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 15 2026

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 ≤ 0.2	0.062
Water	6.0 ~ 8.0%	7.4%
Related substances	Omeprazole N-oxide $\leq 0.1\%$ Omeprazole sulfonamide compounds $\leq 0.2\%$ Other unknown monohetero $\leq 0.1\%$ Total impurities $\leq 0.5\%$	0.02% 0.05% 0.03% 0.2%
Enantiomeric purity	Enantiomeric $\leq 0.2\%$	0.09%
Magnesium content	3.3 ~ 3.55%	3.35%
Residual solvents	Methanol ≤ 3000 ppm Toluene ≤ 890 ppm Triethylamine ≤ 5000 ppm Acetic Acid ≤ 5000 ppm	ND ND ND ND
Assay (oab)	98.0 ~ 102.0%	99.7%

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

