

Certificate of Analysis

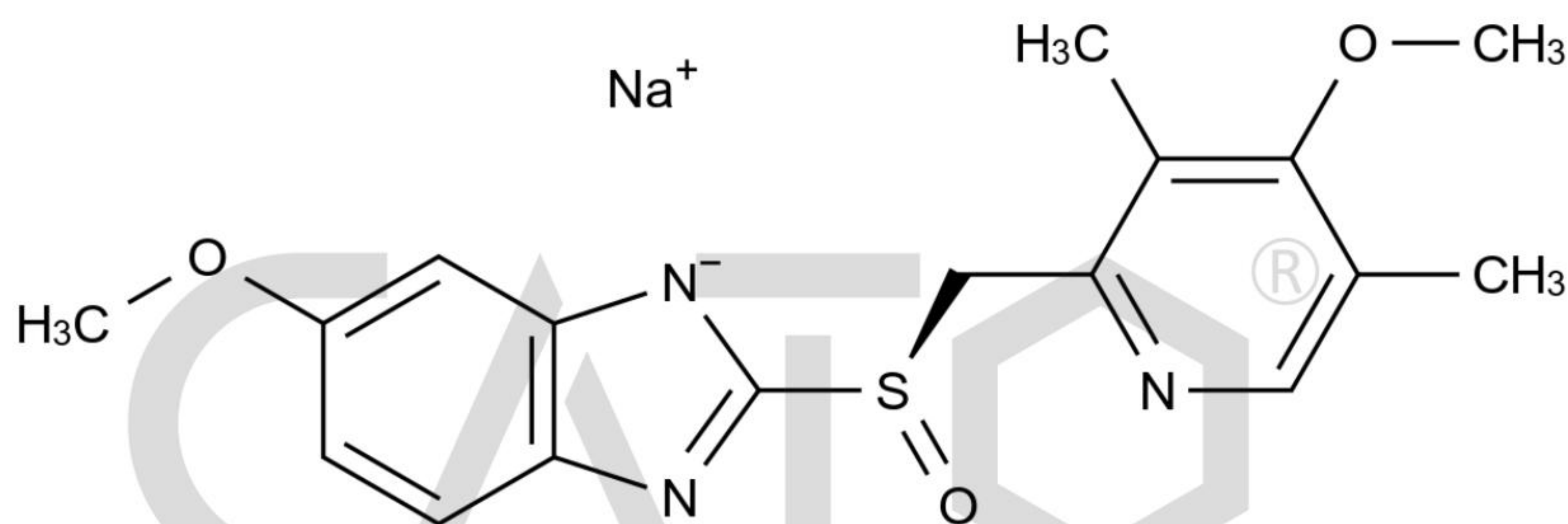
Reference Material & Standard

Product Name:	Omeprazole Impurity 24 Sodium Salt	Catalogue Number:	C4X-111224
Synonyms:	N/A	Lot Number:	0328-RG-0047
CAS Number:	161796-77-6	Expiry Date:	Mar 29, 2030
Molecular Formula:	C ₁₇ H ₁₈ N ₃ O ₃ S Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	344.41 22.99	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.875%
Water Content	Karl Fischer	0.55%
Residual Solvents	NMR	Not detected in NMR
Assay		99.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jun 01, 2026

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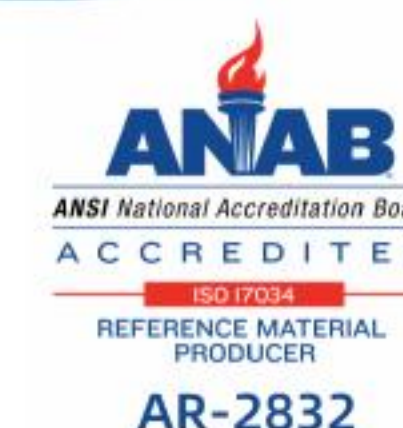
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