

## Certificate of Analysis

**Product Name:** LOPERAMIDE HYDROCHLORIDE  
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**Product Number:** L4762  
**Batch Number:** BCBP2026  
**Brand:** Sigma  
**CAS Number:** 34552-83-5  
**Formula:**  $C_{29}H_{33}ClN_2O_2 \bullet HCl$   
**Formula Weight:** 513.50  
**Quality Release Date:** 15 DEC 2014

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
TITRATION (NT) $HClO_4$ 0.1M	$\geq 98 \%$ (ANHYDROUS)	100.1 %
SOLUBILITY (COLOR)	COLORLESS	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR	CLEAR ( $<3.5$ NTU)
SOLUBILITY (METHOD)	25 MG/ML IN CHLOROFORM	25 MG/ML IN CHLOROFORM
LOSS ON DRYING	$\leq 0.5 \%$	$< 0.05 \%$
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



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Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.