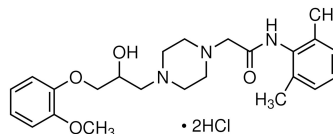


Certificate of Analysis

Product Name : Ranolazine dihydrochloride $\geq 98\%$ (HPLC), powder
Product Number : R6152-BULK
Batch Number : 0000113750
CAS Number : 95635-56-6
Molecular Formula : $C_{24}H_{33}N_3O_4 \cdot 2HCl$
Formula Weight : 500.46
Quality Release Date : 08 Jan 2021



Test	Specification	Result
Appearance (Color)	White to Beige	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Conforms to Requirements	Colorless
Concentration	≥ 10.0 mg/ml	30.0 mg/ml
H ₂ O		
Purity (HPLC)	≥ 97.5 %	99.8 %
Identity	Confirmed	Confirmed
Water Content	0.0 - 4.0 mol	0.7 mol
Salt Content	1.8 - 2.2 mol	2.0 mol
Elemental Composition	Pass	Pass

Brendan Nye, QC Supervisor
 Quality Control
 Natick, Massachusetts
 US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1055344

Page 1 of 1

