

Certificate of Analysis

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by LRQA. Certificate Number. 10551915

Catalogue Number: L14153
LOT Number: 10224035
CAS Number: 3992-42-5
Description: 2'-Deoxycytidine hydrochloride, 99%
Quality Test/Release Date: 19-Dec-2024
Retest Date: 19-Dec-2029
Country of Origin: Germany
Declaration of Origin: Synthetic

Result Name	Units	Specification	Test Value
Assay (Titration ex Chloride)	%	>98.5 to <101.5%	99.4
Assay (HPLC)	%	>98.5%	99.3
Appearance (Color)		White	White
Form		Crystals or powder or crystalline powder	Crystalline powder
Identification (FTIR)		Conforms	Conforms
Optical Rotation	°	+57° ± 2.5° (c=1, water)	+57.4

Additional Information

Certified by:



Paul Coleman
Quality Control Team Leader

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.