

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	B21263
Lot Number	10254550
Description	Serotonin hydrochloride, 98%
CAS Number	153-98-0
Quality Test/Release Date	21/May/2025
Suggested retest date	21/May/2028
Country of Origin	Switzerland
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Assay from Suppliers CofA	%	≥97.5% (HPLC)	>99
Assay (Titration ex Chloride)	%	≥97.5 to ≤102.5% (Dry wt. basis, material sourced in UK)	100.0 (Dry wt. basis)
Appearance (Color)		White to pale cream or pale grey or pale brown	Pale grey
Form		Crystals or powder or crystalline powder	Powder
Identification (FTIR)		Conforms	Conforms
Loss on Drying	%	≤ 3 % (115°C, 3hrs, material sourced in UK)	4.39
Melting point	CC	164-172°C (clear to slightly hazy, material sourced in UK)	169.0-170.3



Paul Coleman
Site Quality Manager

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.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.