

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	40329
Lot Number	A0482104
Description	Brucine sulfate heptahydrate,98+%,ACS reagent
CAS Number	60583-39-3
Quality Test/Release Date	10/Apr/2026
Suggested retest date	10/Apr/2031
Country of Origin	INDIA
Declaration of Origin	plant
BSE/TSE	the product is extracted from nux vomica seeds

Result Name	Units	Specifications	Test Value
Appearance (Color)		White to off-white	Almost white
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Conforms	Conforms
Titration with HClO4	%	>=98.0 (on dry substance)	99.2 (on dry substance)
Loss on drying	%	=<13.0 (1 g, 105°C, 6 h)	6.4 (1 g, 105°C, 6 h)
Residue after ignition	%	=<0.1	0.099
Clarity of solution		Passes test	Passes test
Sensitivity		(to nitrate) Passes test	(to nitrate) Passes test

Geert Torfs
Supervisor, QC

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.