

## 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	L13943
Lot Number	10261787
Description	AmberChrom™ 50WX2 50-100 (H)
CAS Number	12612-37-2
Quality Test/Release Date	11/Jun/2026
Suggested retest date	11/Jun/2029
Country of Origin	United States
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Comment		Strongly acidic cation exchange resin	Strongly acidic cation exchange resin
Appearance (Color)		Pale brown to brown or pale orange to orange	Orange
Exchange capacity	eq/L	≥0.6 eq/L (by wetted bed volume)	0.7
Form		Beads	Beads
Form		Ionic form: H±	Ionic form: H±
Matrix		Polystyrene cross-linked with 2% divinylbenzene	Polystyrene cross-linked with 2% divinylbenzene
Matrix		Sulphonic acid functional group	Sulphonic acid functional group
Moisture holding capacity	%	74-82%	80
Particle Size	%	+20 mesh, >0.84mm: ≤15%	0
Particle Size	%	-70 mesh, <0.21mm: ≤15%	0
Particle Size		50-100 mesh (0.14-0.29mm)	50-100



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.