Avocado Research Chemicals (Thermo Fisher Scientific)
Shore Road, Port of
Heysham Industrial Park
Heysham,
LA3 2XY, United Kingdom

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	L14003
Lot Number	10254401
Description	Silica gel 60, 0.032-0.063mm (230-450 mesh)
CAS Number	7631-86-9
Quality Test/Release Date	10/Mar/2025
Suggested retest date	10/Mar/2030
Country of Origin	Bosnia Herzegovina
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Conductivity	µS/cm	Suspension, 5% w/w: =<200 µS/cm	112
Comment	nm	Pore size calculated, N2 isotherm: 5.2-7.3 nm	5.9
Comment	g/L	Tapped bulk density: 460-550 g/L	507
Appearance (Color)		White	White
Form		Powder	Powder
Loss on Drying	%	2.0-4.0% w/w (160°C/15 minutes)	3.2
pH		Suspension, 5% w/w: 6.5-7.5	7.1
Particle Size	%	<40 µm: =<10.0% w/w; >63 µm: =<10.0% w/w	<40µm: 2.3; >63µm: 0.6
Particle Size	µm	40-63 µm	40-63
Surface Area	m2/g	N2 isotherm, sBET: 470-530 m^2/g	529
Volume	mL/g	Pore, N2 isotherm: 0.70-0.85 mL/g	0.78



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.