



Version	01
Molecular weight	101.96
Quality Test / Release Date	01/21/2020
Molecular Formula	Al ₂ O ₃
CAS No	1344-28-1
Linear Formula	Al ₂ O ₃
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	39252	Quality Test / Release Date 01/21/2020
Lot Number	A0415743	
Description	Aluminium oxide, for chromatography, weakly acidic, Brockmann I, 40-300 µm, 60A	
Country of Origin	SWITZERLAND	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to off-white	off-white
Appearance (Form)		Powder	Powder
pH		5.5 to 6.5 (10% aqueous suspension)	5.6 (10% aqueous suspension)
Sodium oxide (Na ₂ O)		≤0.4 %	≤0.4 %
Iron(III)oxide (Fe ₂ O ₃)		≤0.03 %	≤0.03 %
Silicon dioxide (SiO ₂)		≤0.03 %	≤0.03 %
Specific surface area		185 to 225 (m ² /g)	191 (m ² /g)
Particle size		≤5 % (<40 µm)	2 % (<40 µm)



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 01-22-2020

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