Specification

1.00682.0000 Succinic acid for analysis EMSURE® ACS

	Specification	
Assay (acidimetric)	≥ 99.5	
Identity (IR)	passes test	
Appearance of solution (5 %; water)	passes test	
In water insoluble matter	≤ 50	ppm
Melting point	185.0 - 190.0	°C
Chloride (Cl)	≤ 5	ppm
Phosphate (PO_4)	≤ 0.001	%
Sulfate (SO_4)	≤ 30	ppm
Heavy metals (as lead)	≤ 5	ppm
Fe (Iron)	≤ 5	ppm
Nitrogen compounds (as N)	≤ 0.001	%
Fumaric acid (HPLC)	≤ 5000	ppm
Sulfated ash (600 °C)	≤ 200	ppm
Water (according to Karl Fischer)	≤ 0.5	%

Julian Hofmann
Responsible laboratory manager quality control

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