



# Specification

1.08411.0000 L-Threonine for biochemistry

	Specification	
Assay (perchloric acid titration)	≥ 99.0	%
Identity (IR-spectrum)	passes test	
Appearance	white to almost white, fine powder	
Appearance of solution (1 mol/l, water)	clear and colorless	
Spec. rotation ( $\alpha$ 20/D, 50 g/l, hydrochloric acid 1 mol/l)	-15.4 to -16.4	°
Heavy metals (as Pb)	≤ 0.001	%
NH <sub>4</sub> (Ammonium)	≤ 0.01	%
Foreign amino acids	≤ 0.3	%
Other ninhydrine positive substances	≤ 0.1	%

Dr. Michael Memmel

Responsible laboratory manager quality control

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