

Product Specification: L-Carnitine L-Tartrate

Batch No.: LT190410
Manufacturing Date 02.04.2019
Expiry Date 01.04.2021

Test	Specification	Result
Appearance	White powder or crystalline powder	conforms
Identification	1. Chemical method: black spots appear 2. IR method: conform to the reference IR spectrum	conforms
pH	3,0 - 4,5	3,7
Specific rotation (°)	-11,0 - 9,5	-10,2
Residue on ignition (%)	< 0,5	0,07
Loss on drying (%)	< 0,5	0,1
Heave metals (mg/kg)	< 10	conforms
Water (%)	< 1,0	0,094
As (mg/kg)	< 1	conforms
Assay		
• L-Carnitine (%)	67,2 - 69,2	68,1
• Tartaric acid (%)	30,8 - 32,8	31,7