

**L-Citrulline Malate Analiz Sertifikası****Ürün Adı** : L-Citrulline Malate**Cas No** : 54940-97-5**Molekül Formülü** : C<sub>10</sub>H<sub>19</sub>N<sub>3</sub>O<sub>8</sub>

TEST	STANDARD	RESULT
Appearance	White powder	Conforms
Identification	In accordance with standart retention time	Conforms
Specific rotation	16.5° – 18.5°	16.7°
Solubility	Clear	Conforms
Residue on ignition	≤0.1 %	≤0.1 %
Moisture	≤0.5 %	≤0.03 %
Chloride	≤0.02 %	≤0.02 %
Sulfate	≤0.02 %	≤0.02 %
Ammonium	≤0.02 %	≤0.02 %
Arsenic	≤1 ppm	≤1 ppm
Iron	≤30 ppm	≤30 ppm
Heavy metals	≤10 ppm	≤10 ppm
Lead	≤1 ppm	≤1 ppm
Total mercury	≤0.1 ppm	≤0.1 ppm
Cadmium	≤1 ppm	≤1 ppm
Assay	≥98.5%	100.1%
L-Citrulline	62.5-74.2%	64.6%
DL-Malate	25.8-37.5%	35.5%