

Succinic Acid

Product Specifications

Product Succinic Acid
CAS No. 110.15.6
Chemical Formula C₄H₆O₄

Tests	Results	Specification
Appearance	White, crystalline powder	White, crystalline powder
Odor	Odorless	Pract. Odorless
Melting point	188°C	186-188°C
Appearance of solution (1g in 10mL H ₂ O @ 53°C)		
Clarity	Clear	Clear
Color	Colorless	Colorless
Iron	< 5 ppm	5 ppm max
Ammonium	< 10 ppm	10 ppm max
Fumaric and maleic acid in sum	< 0.2%	0.2% max
Water (K.F.)	0.2%	1.0% max
By products		
Sum of by products	Conforming	0.5% in sum max
Individual by products	Conforming	0.1% each max.
Assay (acidimetry)	100.0%	99.5 – 100.5% (calc. on the anhydrous scale)