



Citric Acid
INCI: Citric Acid
Product ID: OTHCITRIC

Specifications

Analytical Details

Appearance:

Odor:

Taste:

Color of Solution (40% sol'n w/v, 420 nm):

Clarity of Solution (40% sol'n w/v):

Assay (Anhydrous Basis):

Calcium (as Ca):

Tridodecylamine:

Water (Karl Fischer):

Oxalate (as Oxalic Acid Dihydrate, 520 nm):

Sulfate (as Sulfate, 40% sol'n w/v):

Residue on Ignition:

Retained On US STD 30 (600 µm):

Pass Thru US STD 100 (150 µm):

Evaluation of Insolubles:

Foreign Matter:

Identification (Test IR):

Related Substances (Isocitric Acid):

UV Absorbance:

Organic Volatile Impurities:

Carbonizable Substances (1g, 470 nm):

Heavy Metals

Heavy Metals (as Lead):

Arsenic (as As):

Lead (as Pb):

Mercury (as Hg):

Iron (as Fe, 40% sol'n w/v, 670 nm):

Specifications

White Crystal

Characteristic

Strong Acidic Taste

99 - 100%

≤ 3.0 NTU

99.50 - 100.50%

≤ 75.00 ppm

≤ 0.1 ppm

≤ 0.50%

≤ 100 ppm

≤ 150 ppm

≤ 0.05%

≤ 1.00%

≤ 5.00%

Pass

Pass

Pass

Pass

Pass

Pass

Pass

≤ 5.00 ppm

≤ 1 ppm

≤ 0.5 ppm

≤ 1.00 ppm

≤ 5.00 ppm

Shelf Life:

3 Years

Date: 06/30/2022

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