

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001403-01)

Release Date: 30/11/2024

Re-test Date: 29/11/2027

4'-Nitro-L-tartranilic Acid

Identification

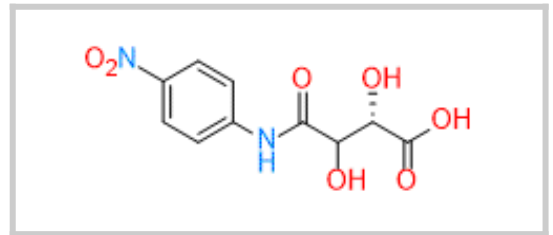
Chemical Name :
(2S)-2,3-dihydroxy-4-((4-nitrophenyl)amino)-4-oxobutanoic acid

CAT No. : KMM001403

CAS No. : 60908-35-2

Molecular Formula : C₁₀H₁₀N₂O₇

Molecular Weight : 270.20



Analytical Information

Batch No. : M001403-091-052

Description : Off White Solid

HPLC Purity : 99.92 %

Weight Loss By TGA : 0.71 %

% Potency : 99.21 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.71(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 99.21 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		02/12/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA