

CERTIFICATE OF ANALYSIS

(Certificate No. KML017003-01)

Release Date: 09/06/2026

Re-test Date: 08/06/2029

Carbidopa 3-Acetyl-L-tyrosine Impurity

Identification

Chemical Name :

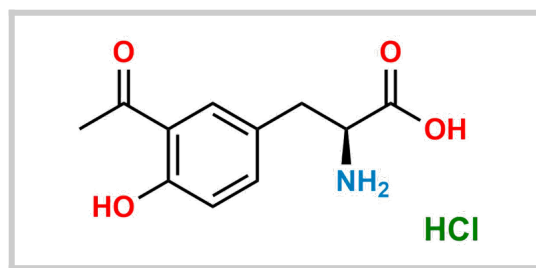
(S)-3-(3-acetyl-4-hydroxyphenyl)-2-aminopropanoic acid hydrochloride

CAT No. : KML017003

CAS No. : 32404-28-7

Molecular Formula : C₁₁H₁₃NO₄ : HCl

Molecular Weight : 223.2 : 36.5



Analytical Information

Batch No. : CAR-TYR-011-163

Description : Light Brown Solid

HPLC Purity : 99.07 %

Weight Loss By TGA : 0.89 %

% Potency : 98.19 %

Solubility : Water

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 - 0.89(Weight Loss By TGA)] x [99.07(HPLC Purity)]/100 = 98.19 %
-Re-tested on 09.06.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/06/2026

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