CERTIFICATE OF ANALYSIS

(Certificate No. KMB001088-01)

Release Date: 01/07/2025 **Re-test Date:** 30/06/2028

RAC-BINAP

Identification

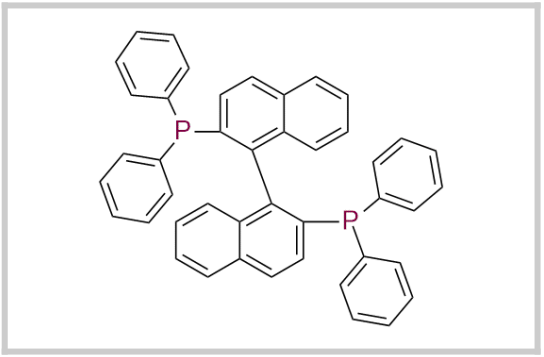
Chemical Name :
(±)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl

CAT No. : KMB001088

CAS No. : 98327-87-8

Molecular Formula : C44H32P2

Molecular Weight : 622.67



Analytical Information

Batch No.	: BRX-RAC-BI-030-129	**Solubility**	: MDC
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.80 %	**IR**	: Confirm
Weight Loss By TGA	: 2.23 %	**1H NMR**	: Confirm
% Potency	: 96.6 %		

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 - 2.23(Weight Loss By TGA)] x [98.80(HPLC Purity)]/100 = 96.6 %
-Re-tested on 01.07.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA