CERTIFICATE OF ANALYSIS

(Certificate No. KMT027001-01)

Release Date: 17/07/2024 **Re-test Date:** 16/07/2027

DTTSC WORKING STANDARD

Identification

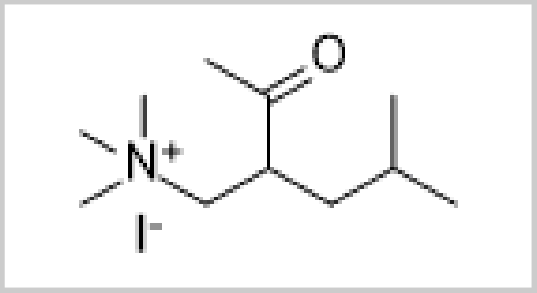
Chemical Name :
2-acetyl-N,N,N,4-tetramethylpentan-1-aminium iodide

CAT No. : KMT027001

CAS No. : 1069-62-1

Molecular Formula : C11H24NO : I

Molecular Weight : 186.31 : 126.9



Analytical Information

Batch No.	: DTTSC-STD-073-297	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.79 %	**IR**	: Confirm
Weight Loss By TGA	: 0.45 %	**1H NMR**	: Confirm
% Potency	: 99.34 %		

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 - 0.45(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 99.34 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/07/2024

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