

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 22

Identification

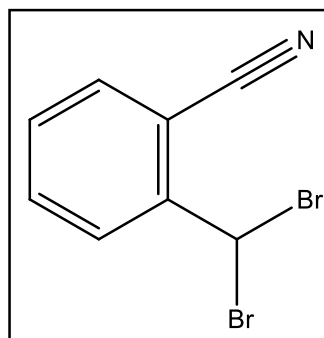
Chemical Name : 2-(Dibromomethyl)benzonitrile

CAT No : ALL-ALO- 5630

CAS No : 655-63-0

Molecular Formula : C₈H₅Br₂N

Molecular Weight : 274.9



Analytical Information

Batch Code	: ALL-ALE- 5630	HPLC Purity	: 98.03 %
Solubility	: MeOH: ACN	Potency	: 96.99 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Water Content By TGA	: 1.002 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.051 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.002+0.051) × 98.03]/100 = 96.99 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office