

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 34

Identification

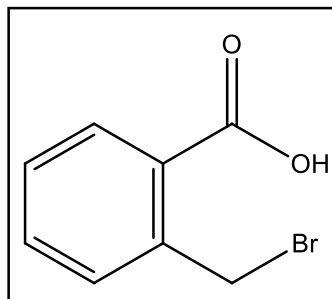
Chemical Name : 2-(Bromomethyl)Benzoic acid

CAT No : ALL-ALO- 5891

CAS No : 7115-89-1

Molecular Formula : C₈H₇BrO₂

Molecular Weight : 215



Analytical Information

Batch Code	: ALL-ALE- 5891	HPLC Purity	: 98.15 %
Solubility	: MeOH: ACN	Potency	: 96.91 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.172 %	¹ HNMR	: Confirm
Residue Of Ignition	: 0.082 %		

Additional Information

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

[100 - (1.172+0.082) × 98.15]/100 = 96.91 %

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