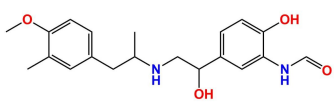


CERTIFICATE OF ANALYSIS

Date: 21-11-2024

Product Name	Formoterol EP Impurity E		
Chemical Name	NAN-[2-Hydroxy-5-[1-hydroxy-2-[[2-(4-methoxy-3-methylphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide (as per EP); N-[2-Hydroxy-5-(1-hydroxy-2-[[1-(4-methoxy-3-methylphenyl)propan-2-yl]amino]ethyl)phenyl]formamide (as per USP)		
Structure	 <p>The chemical structure shows a central chain consisting of a 2-methyl-2-(4-methoxyphenyl)ethylamino group attached to a 1-hydroxypropan-2-yl group, which is further attached to a 2-hydroxy-5-phenylacetamide moiety. The phenyl ring of the acetamide part has a hydroxyl group at the 2-position and a formamide group at the 1-position.</p>		
Inv. Status	-	CAS No.	1616967-26-0
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₀ H ₂₆ N ₂ O ₄	Molecular Wt.	358.4
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.	

	Prepared By	Checked By	Approved By
Signature			
Date			

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