

CERTIFICATE OF ANALYSIS

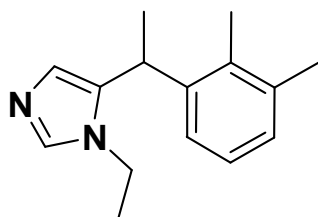
Reference Substance

Date:

Dexmedetomidine Impurity-3

Batch No.:

IUPAC Name: 5-[1-(2,3-Dimethylphenyl)ethyl]-1-ethyl-1H-imidazole



Molecular Weight: 228.33 g/mol

Molecular Formula: C₁₅H₂₀N₂

Sr.#	Test	Results	Data ref.
1	Appearance	Pale Brown Oil	-----
2	Purity by HPLC	99.34%	Chromatogram attached
3	Mass	Conform	Report attached
4	¹ H NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

Date of manufacturing:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*