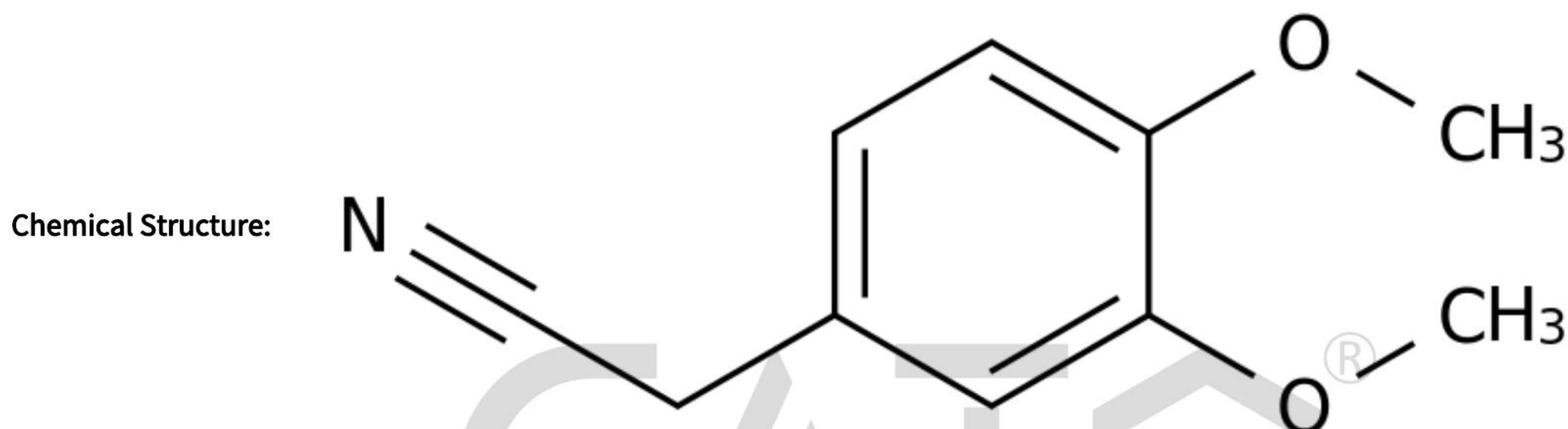


Certificate of Analysis

Reference Material

Product Name:	Dobutamine Impurity 27	Catalogue Number:	C4X-129827
Chemical Name:	3,4-Dimethoxyphenylacetonitrile	Lot Number:	0325-RB-0005
CAS Number:	93-17-4	Expiry Date:	Aug 16, 2025
Molecular Formula:	C ₁₀ H ₁₁ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	177.20		



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.171%
Residue on Ignition	TGA	0.2595%
Loss On Drying	TGA	1.2528%
Assay		97.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Aug 17, 2022

Date: Aug 18, 2022

Date: Aug 18, 2022

