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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

**Product Name: Methylcobalamin Impurity 1**

### Identification:

Chemical Name: N,N`-(4,5-dimethyl-1,2-phenylene)dibenzamide

Synonyms : NA

CAS Number : 17234-76-3

CAT Number : CP-M103001

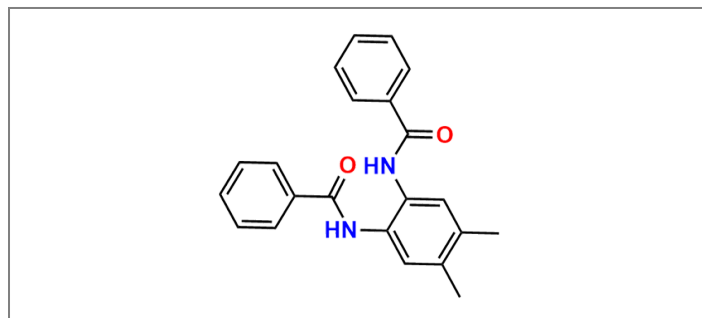
Molecular Formula : C<sub>22</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 344.41

Batch Number : CP-32-42

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.74%
5)	1HNMR	Confirm to Structure



### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

### Approved By



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.