Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

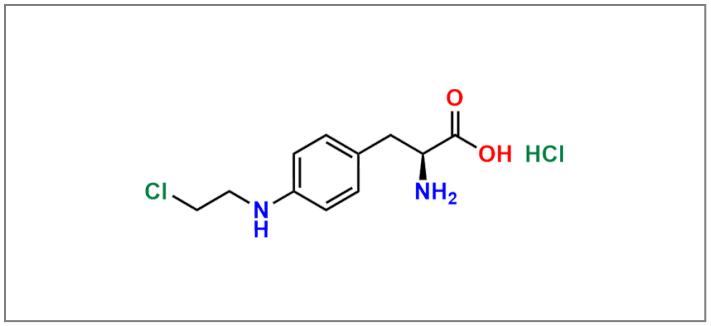
CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026 Re-test Date: Dec 2028

Product Name: Melphalan EP Impurity C

Identification:

Chemical Name: 4-[(2-chloroethyl)amino]-L-phenylalanine Hydrochloride (as per EP)



Synonyms	:	Melphalan Mono-chloroethyl Impurity
CAS Number	:	2286317-87-9
CAT Number	:	CP-M9003
Molecular Formula	:	C11H15ClN2O2 : HCl
Molecular Weight	:	242.70
Batch Number	:	CP-38-48
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	Off White Solid
2)	Solubility	Soluble in Methanol/ DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	98.17%
5)	1HNMR	Confirm to Structure
6)	Weight loss by TGA	-
7)	Potency	-

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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