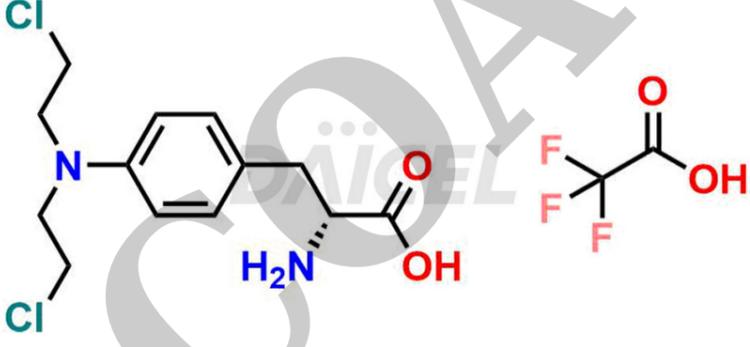


ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

<b>Product Name</b>	D-Isomer Melphalan		
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub> (Free Base) C <sub>15</sub> H <sub>19</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub> (TFA Salt)		
<b>Molecular Weight</b>	305.20 (Free Base) 419.22 (TFA Salt)		
<b>Batch Number</b>	XX-XXXX		
<b>Batch Quantity</b>	XXX		
<b>Date of Manufacturing</b>	DD-MM-YYYY		
<b>Date of Analysis</b>	DD-MM-YYYY		
<b>Next Retest Date</b>	DD-MM-YYYY		
<b>Catalogue Number</b>	DCTI-C-000006		
<b>CAS Number</b>	13045-94-8 (Free base)		
<b>COA Number</b>	PA-XXXX		
<b>IUPAC Name</b>	(R)-2-amino-3-(4-(bis(2-chloroethyl)amino)phenyl)propanoic acid, 2, 2, 2-trifluoro acetic acid		
<b>Storage and Handling</b>	2-8 °C		

Sl. No	* Test	Result
	<b>Description</b>	
1.	Identification i) By IR ii) By NMR iii) By MS	--
2.	Chromatographic Purity (% by HPLC)	--

**Remarks:** \*Test or tests as mentioned above may vary as per the product nature or customer's requirement

Function	Compiled by	Reviewed by	Reviewed by	Approved by
Name	xxx	xxx	xxx	xxx
Department	Pharma Standards QC	Pharma Standards QC	Quality Assurance	Quality Assurance
Sign and Date				

Attachments	IR, NMR, MS spectra, HPLC Chromatogram.
Date of Shipment	DD-MMM-YYYY

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