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# Certificate of Analysis

<b>Product</b>	<b>52208 - FMOC-O-Benzyl-L-Serine extrapure, 98% - [83792-48-7]</b>
<b>Batch No</b>	<b>1462896</b>
<b>Analysis Date</b>	23-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	417.45

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Light Yellow	White
Appearance (Form)	Powder to crystals	Powder
Solubility (Turbidity) 1% solution in methanol	Clear	Clear
Assay (NaOH titration)	min. 98%	98.9%
Specific rotation [ $\alpha$ ] @20°C	+23° to +27 (C=1, ethyl acetate)	+23.922°
Melting Point	144-148°C	147°C
Water (KF)	max.1.0%	0.2%

FRM/82/11/4/52208 Rev No. 2 Date 25/06/2024

Prepared by Jayesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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