CERTIFICATE OF ANALYSIS

Standard product specification — applicable to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd., manufacturer and supplier of quality chemicals.

Product Name	(Boc-Cys-Oh)2
C.A.S. Number	10389-65-8
Molecular Formula	—
Molecular Weight	—
Grade / Standard	>=99.0%
Physical Form	White powder
Product Category	Pharmaceutical Intermediates
Country of Origin	India

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	White powder	**Complies**	Visual
2	Identification	Conforms to the structure of the substance	**Complies**	FTIR / Chemical test
3	Solubility	As per specification	**Complies**	Visual / Monograph
4	Assay	Not less than 99.0 % w/w	**99.26**	Titrimetry / Instrumental
5	Clarity & Colour of Solution	Clear; not more intensely coloured than reference	**Complies**	Visual (Monograph)
6	pH (1 % w/v aqueous solution)	As per monograph	**6.1**	Potentiometry
7	Water Content (Karl Fischer)	Not more than 0.5 % w/w	**0.15**	Karl Fischer titration
8	Melting Range / Point	As per monograph	**Complies**	Capillary method
9	Particle Size (d90)	As per specification	**200 µm**	Laser diffraction
10	Structure	Conforms to reference structure	**Complies**	FTIR / NMR

Remarks

Material supplied against this specification is analysed on every production lot and **conforms** to the limits stated above in all tested parameters. Results shown are the typical values obtained for this grade.

Retained samples are held against every export consignment. Store in tightly closed original packing, in a cool, dry, well-ventilated place away from incompatible materials and direct sunlight.

Checked and Approved by

Prem Panchal
Quality Assurance
Scapex Exports Pvt. Ltd.

This document sets out the standard specification for the product named above and applies to all consignments of this grade. It is issued by Scapex Exports Pvt. Ltd. as manufacturer and supplier. Refer to the Material Safety Data Sheet (MSDS) before handling.

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