

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	Buffer Solution pH 7.00
C.A.S. Number	Not applicable
Molecular Formula	—
Molecular Weight	—
Grade / Standard	Certified, ± 0.01 pH
Physical Form	Clear colorless/green liquid
Product Category	Laboratory & Analytical Reagents
Country of Origin	India

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	Clear colorless/green liquid	Complies	Visual
2	Matter Insoluble in Water	Not more than 0.01 % w/w	0.0049	Gravimetry
3	pH (5 % aqueous solution)	As per specification	9.5	Potentiometry
4	Chloride (Cl)	Not more than 0.001 %	0.00026	Turbidimetry
5	Sulphate (SO ₄)	Not more than 0.002 %	0.00066	Turbidimetry
6	Iron (Fe)	Not more than 5 ppm	0.98 ppm	ICP-OES
7	Heavy Metals (as Pb)	Not more than 5 ppm	Less than 2 ppm	ICP-OES
8	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.