

CERTIFICATE OF ANALYSIS

Standard product specification

Buffer Solution pH 7.00

Formulated product · Certified, ± 0.01 pH**1. PRODUCT IDENTITY**

Product name	Buffer Solution pH 7.00
C.A.S. number	Applicable to blend — on request
Grade / standard	Certified, ± 0.01 pH
Description	Clear colorless/green liquid
Product group	Volumetric & Titrimetric Standards
Category	Laboratory & Analytical Reagents
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL 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

3. DECLARATION

This document sets out the standard specification for Buffer Solution pH 7.00 and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.



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