

Santoku BASF Pte. Ltd.

Certificate of Analysis

Name of Product	S-ELE Hydrogen Peroxide			
Batch/Lot Number	108547	Container	212kg	
Production Date	06-Aug-2025			
Expiry Date	05-Feb-2026			
Wet Chemistry Analysis	Unit of Analysis	Specification	D.L.	Analysis Result
Color	HAZEN	< 10	-	<10
Assay	wt%	30.0 ~ 32.0	-	30.8
Evaporation Residue	ppm	< 5	0.2	ND
Free Acid as H ₂ SO ₄	ppm	< 10	0.1	1.7
TOC	ppm	< 15	0.1	1.1
Ion Analysis				
Cl ⁻	ppb	< 10	1	ND
NO ₂ ⁻	ppb	< 20	2	ND
NO ₃ ⁻	ppb	< 10	4	ND
PO ₄ ³⁻	ppb	< 20	8	ND
SO ₄ ²⁻	ppb	< 20	4	ND
NH ₄ ⁺	ppb	< 30	0.2	ND
Total N	ppb	< 50	2.3	ND
Trace Metallic Analysis				
Ag	ppt	< 100	0.5	ND
Al	ppt	< 100	0.2	0.4
As	ppt	< 100	2	ND
Au	ppt	< 100	0.2	ND
B	ppt	< 100	4	ND
Ba	ppt	< 100	0.1	ND
Be	ppt	< 100	5	ND
Bi	ppt	< 100	0.2	ND
Ca	ppt	< 100	2	ND
Cd	ppt	< 100	0.3	ND
Co	ppt	< 100	1	ND
Cr	ppt	< 100	1	ND
Cu	ppt	< 100	0.5	ND
Fe	ppt	< 100	0.5	ND
Ga	ppt	< 100	0.5	ND
Ge	ppt	< 100	2	ND
K	ppt	< 1000	2	ND
Li	ppt	< 100	0.02	ND
Mg	ppt	< 100	0.2	1.3
Mn	ppt	< 100	0.3	ND
Mo	ppt	< 100	0.3	ND
Na	ppt	< 100	0.5	ND
Nb	ppt	< 100	0.1	ND
Ni	ppt	< 100	0.7	ND
Pb	ppt	< 100	0.1	ND
Sb	ppt	< 100	0.3	ND
Si	ppt	< 5000	70	ND
Sn	ppt	< 100	0.8	ND
Sr	ppt	< 100	0.05	ND
Ta	ppt	< 100	0.1	ND
Ti	ppt	< 100	2	ND
Tl	ppt	< 100	0.1	ND
V	ppt	< 100	1	ND
Zn	ppt	< 100	2	ND
Zr	ppt	< 100	0.1	ND
Particles Measurement				
≥0.2μm	count/mL	< 50	-	13.9



QA Department

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