

Solstice

CERTIFICATE OF ANALYSIS

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Brand: Honeywell Fluka
 Product: 31434
 Lot No: P1640
 Production date: 13.Jun.2025
 Rec. Retest Date: 24.Nov.2028

Sodium chloride puriss. p.a., Reag. ACS, Reag. ISO, Reag. Ph. Eur.

Parameter	Specification	Units	Result	Units
assay	min. 99.5	%	100.0	%
assay (calc. to the dried substance)	99.0-100.5	%	100.0	%
loss on drying (130°C)	max. 0.2	%	<0.01	%
water insoluble matter	max. 0.005	%	<0.005	%
pH (5 %, 25 °C)	5.0-8.0		5.7	
free acid (as HCl)	max. 0.005	%	<0.005	%
free alkali (as NaOH)	max. 0.005	%	<0.005	%
aluminium (Al)	max. 0.2	ppm	<0.2	ppm
arsenic (As)	max. 0.5	ppm	<0.5	ppm
barium (Ba)	max. 0.001	%	<0.001	%
barium (Ba)	complying		complying	
calcium (Ca)	max. 0.002	%	<0.002	%
iron (Fe)	max. 1	ppm	<1	ppm
potassium (K)	max. 50	ppm	<50	ppm
magnesium (Mg)	max. 0.0005	%	<0.0005	%
Mg, earthalkalimetals (as Ca)	max. 100	ppm	<100	ppm
heavy metals (as Pb)	max. 3	ppm	<3	ppm
heavy metals (ICP) ACS	max. 5	ppm	<5	ppm
bromide (Br)	max. 50	ppm	<50	ppm
chlorate, nitrate (as NO ₃)	max. 0.003	%	<0.003	%
iodide (I)	max. 0.001	%	<0.001	%
iodide (I) test	complying		complying	
hexacyanoferrate(II) ([Fe(CN) ₆]4-)	max. 0.0001	%	<0.0001	%
Ferrocyanides	complying		complying	
nitrite (NO ₂)	complying		complying	
phosphate (PO ₄)	max. 5	ppm	<5	ppm

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Parameter	Specification	Units	Result	Units
sulfate (SO ₄)	max. 10	ppm	<10	ppm
total N	max. 0.001	%	<0.001	%
acidity or alkalinity	complying		complying	
appearance of the solution	complying		complying	

QC Release Date: 25.Jun.2025

The minimum shelf life is based on the current knowledge and holds only for proper storage conditions in the originally closed flasks/ packages.

We herewith confirm that the delivery is effected according to the technical delivery conditions agreed.

Particular properties of the products or the suitability for a particular area of application are not assured.

We guarantee a proper quality within our General Conditions of Sales.

Honeywell
Specialty Chemicals

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