



# Product Specification



Material	VWRB241-P350LB
Material description	Sodium chloride
Grade	Ph.Eur./USP/BP/JP/ENDOTOXIN TESTED
CAS Number	7647-14-5
Molecular formula	NaCl
Molecular mass	58.44
Storage	Store between 15 °C and 30 °C.
Additional information	

Characteristics	Specifications
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Appearance:	.
Fine white granular powder	Passes test
BP specifications:	.
Assay (calculated on dried) [BP]	99.0 - 100.5 %
Identification A	Passes test BP
Identification B	Passes test BP
Appearance of solution	Passes test BP
Acidity or alkalinity	Passes test BP
Br (Bromide) [BP]	≤ 100 ppm
Ferrocyanides	Passes test BP
I (Iodide)	Passes test BP
NO <sub>2</sub> (Nitrite)	Passes test BP
PO <sub>4</sub> (Phosphate) [BP]	≤ 25 ppm
SO <sub>4</sub> (Sulphate) [BP]	≤ 200 ppm
Al (Aluminium) [BP]	≤ 0.2 ppm
As (Arsenic) [BP]	≤ 1 ppm
Ba (Barium)	Passes test BP
Fe (Iron) [BP]	≤ 2 ppm
K (Potassium) [BP]	≤ 500 ppm
Mg and alkaline earth metals(as Ca) [BP]	≤ 100 ppm
Loss on drying (105°C; 2 h) [BP]	≤ 0.5 %
JP specifications:	.
Assay (calculated on dried) [JP]	99.0 - 100.5 %
Identification 1	Passes test JP
Identification 2	Passes test JP
Clarity and color of solution	Passes test JP
Acidity or alkalinity	Passes test JP
Br (Bromide) [JP]	≤ 100 ppm

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**For further manufacturing use only. Not for use as an Active Pharmaceutical Ingredient.**



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Characteristics	Specifications
Ferrocyanides	Passes test JP
I (Iodide)	Passes test JP
PO <sub>4</sub> (Phosphate) [JP]	≤ 25 ppm
SO <sub>4</sub> (Sulphate) [JP]	≤ 200 ppm
As (Arsenic) [JP]	≤ 2 ppm
Ba (Barium)	Passes test JP
Fe (Iron) [JP]	≤ 2 ppm
Mg and alkaline earth metals(as Ca) [JP]	≤ 100 ppm
Heavy metals (as Pb) [JP]	≤ 3 ppm
Loss on drying (105°C; 2 h) [JP]	≤ 0.5 %
Ph.Eur. specifications:	.
Assay (calculated on dried) [Ph.Eur.]	99.0 - 100.5 %
Identification A	Passes test Ph.Eur.
Identification B	Passes test Ph.Eur.
Appearance of solution	Passes test Ph.Eur.
Acidity or alkalinity	Passes test Ph.Eur.
Br (Bromide) [Ph.Eur.]	≤ 100 ppm
Ferrocyanides	Passes test Ph.Eur.
I (Iodide)	Passes test Ph.Eur.
NO <sub>2</sub> (Nitrite)	Passes test Ph.Eur.
PO <sub>4</sub> (Phosphate) [Ph.Eur.]	≤ 25 ppm
SO <sub>4</sub> (Sulphate) [Ph.Eur.]	≤ 200 ppm
Al (Aluminium) [Ph.Eur.]	≤ 0.2 ppm
As (Arsenic) [Ph.Eur.]	≤ 1 ppm
Ba (Barium)	Passes test Ph.Eur.
Fe (Iron) [Ph.Eur.]	≤ 2 ppm
K (Potassium) [Ph.Eur.]	≤ 500 ppm
Mg and alk. earth metals(as Ca)[Ph.Eur.]	≤ 100 ppm
Loss on drying (105°C; 2 h) [Ph.Eur.]	≤ 0.5 %
USP specifications:	.
Assay (calculated on dried basis) [USP]	99.0 - 100.5 %
Identification A	Passes test USP
Identification B	Passes test USP
Appearance of solution	Passes test USP
Acidity or alkalinity	Passes test USP
Br (Bromide) [USP]	≤ 100 ppm
Ferrocyanides	Passes test USP
I (Iodide)	Passes test USP
NO <sub>2</sub> (Nitrite)	Passes test USP
PO <sub>4</sub> (Phosphate) [USP]	≤ 25 ppm
SO <sub>4</sub> (Sulphate) [USP]	≤ 200 ppm
Al (Aluminium) [USP]	≤ 0.2 ppm

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Characteristics	Specifications
As (Arsenic) [USP]	$\leq 1$ ppm
Ba (Barium)	Passes test USP
Fe (Iron) [USP]	$\leq 2$ ppm
K (Potassium) [USP]	$\leq 500$ ppm
Mg and alkaline earth metals(as Ca)[USP]	$\leq 100$ ppm
Loss on drying (105°C; 2 h) [USP]	$\leq 0.5$ %
Bacterial endotoxins	$\leq 2.5$ EU/g

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Naresh Boddu, Head of Laboratory - Aurora  
VWR Chemicals, LLC, 220 Lena Dr., Aurora, OH 44202, USA

## Additional information

No Class 1, 2, 3 or other residual solvents are present.

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