

Certificate of Quality

VWR Catalogue Number	See List
Description	VWR Chemicals BDH® Nitric acid 68 - 70%, ARISTAR® ACS
Country of Origin	Manufactured in USA
Date of Issue (yyyy-mm-dd)	2022-05-06

VWR Catalogue Number	Capacity
BDH3044500MLPC	500 mL
BDH3046-2.5L	2.5 L
BDH3130-2.5LP	2.5 L
BDH3130-2.2LP	2.2 L

ITEM	SPECIFICATIONS	ANALYSIS
Appearance	Colorless, free from susp. Matter	Passes Test
Assay (HNO ₃)	68.0 - 70.0%	69.3%
Arsenic (As)	0.01 ppm max.	<0.01 ppm
Chloride (Cl)	0.5 ppm max.	<0.5 ppm
Color (APHA)	10 max.	0
Heavy Metals (as Pb)	0.2 ppm max.	<0.2 ppm
Iron (Fe)	0.2 ppm max.	<0.2 ppm
Residue After Ignition	5 ppm max.	0.4 ppm
Sulfate (SO ₄)	1 ppm max.	<1 ppm

Quality System Compliance

Products are manufactured under the **ISO 9001:2015** standard. Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP.

QC Testing

Representative products samples are collected and inspected in accordance with current applicable product specifications.

Product Specifications

Material Refer Table.

Sterilization Not applicable.

ATP Assay	Not applicable.
DNase & RNase Free	Not applicable.
BSE/TSE	No use of any raw material produced from or substances derived from animal origin. The manufacturing process of the product does not use any ingredient of animal origin and no material derived from or exposed to animals affected by or under quarantine for transmitting Animal Bovine Spongiform Encephalopathy/Spongiform Encephalopathy (BSE)/(TSE).
Cytotoxicity	Not applicable.
Non-Pyrogenic Statement	Not applicable.
Latex Statement	The product is Latex free.
BPA Statement	Bisphenols are not used in the manufacture of the raw material and are not expected to be present.
DEHP Statement	Not applicable.
RoHS	No substances (Lead, Cadmium, Mercury, Hexavalent Chromium (Cr ⁶⁺), Poly Brominated Biphenyls (PBB), Poly Brominated Diphenyl ethers (PBDE), Benzyl Butyl Phthalate (BBP), Dibutyl Phthalate (DBP), Diisobutyl Phthalate (DIBP)) are used in manufacturing the raw materials and final product. No routinely analyse is performed.
REACH Statement	No substances as listed on >Substance of Very High Concern< candidate list published 2021-07-08 are used in manufacturing of the raw materials used to produce this product. No routinely analyse is performed.
Storage Conditions	Store at ambient temperature. Keep container tightly closed and in a well-ventilated place. Keep/Store away from combustible materials.
Shelf Life	2 years.

Disclaimer: VWR states that this declaration will not discharge the user from their obligation to ensure the product is suitable for the intended use. The purpose of the product is for use in laboratory only.
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