



# NITRIC ACID SOLUTION OF RARE EARTH ELEMENTS

GRADES A | B | C

- Active component in catalyst production.



	A	B	C
Mass concentration of REM oxides in terms of lanthanum oxide ( $\text{La}_2\text{O}_3$ ), g/dm <sup>3</sup> , min	180	180	180
Mass fraction of lanthanum oxide ( $\text{La}_2\text{O}_3$ ) in total volume of REM oxides, %, min	90	65	80
Mass fraction of cerium dioxide ( $\text{CeO}_2$ ) in total volume of REM oxides, %, min	–	8	–
Mass fraction of neodymium oxide ( $\text{Nd}_2\text{O}_3$ ) and praseodymium oxide ( $\text{Pr}_2\text{O}_3$ ) in total volume of REM oxides, %, max	–	12	20
Mass fraction of ammonium nitrate in total volume of REM oxides, %, max	20	65	65
Solution pH	2.0±0.5	2.0±0.5	2.0±0.5
Mass fraction of iron in total volume of REM oxides, %, max	–	0.02	0.04
Mass fraction of potassium, sodium and calcium in total volume of REM oxides, %, max	0.02	0.02	0.02

## ● PACKAGING, TRANSPORTATION AND STORAGE

- Packed in corrosion-resistant metal canisters.
- Transported in specialised stainless-steel tankers 12X18H10T grade or higher.
- Stored in corrosion-resistant canisters with tight-fitting lids.

## ● MANUFACTURED BY

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