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|-------------------------|---|---------------------------|
| Name of Material | : | Acid - Nitric Acid |
| Manufacturer | : | NA |
| Supplier | : | NA |
| Country of Origin | : | NA |
| Batch/Lot No. | : | NA |
| MFG Date | : | NA |
| EXP Date | : | NA |
| Challan No. | : | NA |
| QA Ref. No. | : | NA |
| QRN Ref. No. | : | NA |
| Qty. Supplied | : | NA |
| Date of Received | : | NA |
| Date of Testing | : | NA |
| Date of Reporting | : | NA |

| SN | Description | Specification | Results |
|----|---------------------|---|---------|
| 01 | Physical appearance | A clear, Colorless or almost colorless, fuming liquid | |
| 02 | Identification | Must be comply to BP | |
| 03 | Miscibility | Must be miscible with water | |
| 04 | Clarity of solution | Must be comply to BP | |
| 05 | Weight/ ml | About 1.41g | |
| 06 | Assay | 65.00 % - 70.00 % w/w | |

| | |
|----------------|--|
| Remarks | |
|----------------|--|

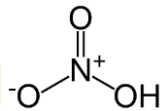
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|-----------------|----------|----------|
| Decision | Accepted | Rejected |
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Tested By

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Checked By

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Approved By

Other Related Information

| Name of Material | Acid - Nitric Acid |
|--------------------------|--|
| Others Name | NA |
| Chemical Composition | HNO ₃  |
| Molar Mass | 63.012 gm/mol |
| Density | 1.51 gm/cm ³ 1.41 gm/cm ³ [68% w/w] |
| Melting Point | -42 C |
| Boiling Point | 83 C |
| Others Information | <ul style="list-style-type: none"> - Nitric acid is inorganic compound. It is highly corrosive mineral acid. - It is colorless, but tends to be yellow due to decomposition into “oxide of nitrogen”. - Most commercially available nitric acid concentration is 68%. - If the conc. is more than 86%, then it is called “Red Fuming Nitric”. - If the conc. is more than 95%, then it is called “White Fuming Nitric”. |
| Function in Food Process | <ul style="list-style-type: none"> - In food industry Nitric Acid is used as cleaning agent. - Nitric acid is used in closed system CIP. - Used in 05 step CIP cycle. [Water-NaOH-Water-Nitric-Water] |

Ameera
consultancy