

2145 – NINHYDRIN 99% EXTRA PURE

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| REF NO: TBL/QA/SS/LC/2145 | STANDARD SPECIFICATION FOR NINHYDRIN 99% EXTRA PURE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 14/11/2024 |
| Issue Date: 15/11/2021 | | Product code: 2145 |

PRODUCT PROPERTIES

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|--------------------|--|
| C.A.S Number | 485-47-2 |
| Chemical Formula | C ₉ H ₄ O ₃ H ₂ O |
| Formula weight | 178.14 |
| Functional Uses | Ninhydrin is used for the determination of amino groups in amino acids, peptides and proteins. |
| Standard Packaging | 10 gm, 25 gm, 100 gm |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|--|
| Appearance | Pale yellow colour crystalline powder. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Sulphated Ash | NMT – 0.1% |
| Melting Point | 251 – 254°C |
| Assay | NLT – 99.0% |

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

