

## 2892– 2-NITROBENZALDEHYDE AR GRADE

REF NO: TBL/QA/SS/LC/2892	STANDARD SPECIFICATION FOR 2-NITROBENZALDEHYDE AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date: 15/11/2021		Product code: 2892

### PRODUCT PROPERTIES

C.A.S Number	552-89-6
Chemical Formula	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub>
Formula weight	151.11
Functional Uses	2-Nitrobenzaldehyde is an intermediate in an early route to indigo, a water-insoluble dye commonly used to dye jeans and other fabrics.
Standard Packaging	10 gm, 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to yellow powder/crystals.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Ash	NMT – 0.1%
Chloride (Cl)	NMT – 0.001%
Sulphate (SO <sub>4</sub> )	NMT – 0.001%
Calcium (Ca)	NMT – 0.0001%
Heavy metal (Pb)	NMT – 0.0005%
Assay	NLT – 98.0%

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

