

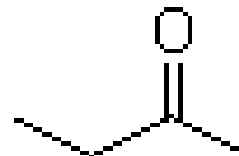
Department: Quality Control	Document No: LCPL/QSD/QAD/11	SOP No.: DB/SOP/QC/11-B023
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### SPECIFICATION : BUTAN-2-ONE AR

Issue date	15/05/2018	Review date	14/05/2023	Location	All Units
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#### PRODUCT DETAILS

1	Molecular Formula	C <sub>4</sub> H <sub>8</sub> O
2	Product code	B023
3	Molecular weight	72.11
4	CAS No	78-93-3
5	Risk Statement No	11-36-66-67
6	Safety Statement No	9-16
7	UN No.	UN1193



#### PACKING DETAILS

	Product code	Pack size
1	B02330	500 mL
2	B02332	2.5 L

#### PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless liquid.
2	Miscibility	Miscible in ethanol, dichloromethane and carbon disulphide, 37 g miscible in 100 mL of water.
3	Assay (GC)	Not less than 99.5%
4	Weight per mL at 20°C	Between 0.803g and 0.805 g
5	Boiling range	Between 79.0°C and 80.5°C
6	Acidity (CH <sub>3</sub> COOH)	Not less than 0.002%
7	Non – volatile matter	Not less than 0.001%
8	Metallic impurities	Passes test
9	Substances reducing KMnO <sub>4</sub>	Not less than 0.0003%
10	Water (by KF)	Not less than 0.1%

#### SAFETY SYMBOLS



Harmful /  
Irritant



Corrosive