



CERTIFICATE OF ANALYSIS

Date: 11/09/13

PRODUCT NAME : 1,4-DIOXAN GR (FOR SCINTILLATION GRADE)

CAS No : 123-91-1

Product code : 23071

Mol. Formula : C₄H₈O₂

Batch No : MCRT-7140

Mol. WT : 88.11

Mfd. : Sept. 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.5% min	99.84%
2	Specific gravity	about 1.035g	1.035g
3	Freezing point	11.5 ⁰ C min	11.6 ⁰ C
4	Peroxide (as H₂O₂)	0.005% max	< 0.005%
5	Reaction with NaOH	Passes test	Passes test
6	Residue after evaporation	0.005% max	0.003%
7	Water	0.05% max	0.019%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

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