



## **CERTIFICATE OF ANALYSIS**

**Date: 23/02/13**

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

**CAS No : 123-91-1**

**Product code : 23071**

**Mol. Formula : C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>**

**Batch No : MCR-6370**

**Mol. WT : 88.11**

**Mfd : Feb. 2013**

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Assay (GC)</b>	99.5% min	99.98%
2	<b>Specific gravity</b>	about 1.035g	1.035g
3	<b>Freezing point</b>	11.5 <sup>0</sup> C min	11.6 <sup>0</sup> C
4	<b>Peroxide (as H<sub>2</sub>O<sub>2</sub>)</b>	0.005% max	< 0.005%
5	<b>Reaction with NaOH</b>	Passes test	Passes test
6	<b>Residue after evaporation</b>	0.005% max	0.003%
7	<b>Water</b>	0.05% max	0.03%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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