

**OPTIMISTIC ORGANIC SDN BHD**  
**OOSB Management System**

TQS Specification No.: TQS/31	Date: 23.02.15
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**SPECIFICATION FOR MALEIC ANHYDRIDE - BRIQUETTES**

<b>S.No.</b>	<b>Characteristics</b>	<b>Units</b>	<b>Spec</b>	<b>Test Method</b>
01.	Appearance	-	White Briquettes	Visual
02.	Purity	Wt %	99.8 Min	SAP/LAB/10
03.	Molten Color	APHA	20 Max	ASTM D 1209 (SAP/LAB/05)
04.	Molten Color After Heating @ 140 ± 2°C for 2 Hours	APHA	40 Max	ASTM D 1209 (SAP/LAB/05)
05.	Solidification Point	°C	52.5 Min	ASTM D 1493 (SAP/LAB/04)
06.	Ash Content	ppm	10 Max	ASTM D 482 (SAP/LAB/08)
07.	Iron Content	ppm	2.0 Max	ASTM D 1068 (SAP/LAB/09)
08.	Free Maleic Acid Content	Wt %	0.3 Max	ASTM D 2930 (SAP/LAB/07)
09.	Acid Number	mg of KOH/gm	1138 - 1145	ASTM D 847 (SAP/LAB/12)
10.	Solubility in O-Xylene	-	Passes/SOP	SAP/LAB/06

SOP: Slightly Opalescent

Prepared By: Head Quality Assurance	Approved By: System Approval Committee
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