

### **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	4-Hexyl Resorcinol Powder
<b>CAS No.</b>	136-77-6
<b>Lot Number:</b>	Not available (data may vary slightly with different lots or batches)
<b>Expiration Date:</b>	24 months from production date
<b>Storage:</b>	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat

Item of Analysis	Specification	Results
Assay	$\geq 99\%(\text{w/w})$	99.7%
<b>Organoleptic</b>		
Appearance	Powder	Conform
Color	White to Off-white powder	Off-white powder
Odor	Odorless and tasteless	Conform
Identification(by IR)	To match with the standard	Conform
<b>Physical Characteristics</b>		
Melting range	62 to 67°C	64.3-65.6°C
Moisture content	$\leq 1.0\%$	0.04%
Sulphated Ash	$\leq 0.1\%$	0.02%
Resorcinol	$\leq 0.2\%$	Below Detection Limit
Acidity	NMT 1.0 ml of 0.020 N sodium hydroxide is required for neutralization	Conform
<b>Heavy metals</b>		
Heavy metals(Pb)	$\leq 10\text{ppm}$	<10ppm
Chloride (Cl)	$\leq 2\text{ppm}$	<2ppm
Arsenic (As <sub>2</sub> O <sub>3</sub> )	$\leq 2\text{ppm}$	<2ppm
Cadmium (Cd)	$\leq 1\text{ppm}$	<1ppm
Mercury (Hg)	$\leq 1\text{ppm}$	<1ppm
Cadmium (Cd)	$\leq 0.5\text{ppm}$	

Microbiological Tests		
Total Bacteria Count	100cfu/g Max	Conform
Yeast & Mold	10cfu/g Max	Conform
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus	Negative	Conform

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

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