



**Importers and dealers of**  
- Natural and Organic Oils  
- Essential Oils  
- Natural Powders  
- Clays, etc  
- Agro Products  
- General Contracts

## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	4-Butyl Resorcinol		
<b>CAS NO</b>	18979-61-8		
<b>SYNONYM</b>	1,3-Dihydroxy-4-butyl benzene		
<b>FORMULA</b>	C10H14O2		
<b>Batch Number</b>	PR1829-20251018	<b>Manufacture Date</b>	
<b>Report Date</b>	20251018	<b>Expiry Date</b>	

<b>Item of Analysis</b>	<b>Specification</b>	<b>Results</b>
Appearance	Powder	Conforms
Color	White to off-white powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Solubility	Soluble in methanol and in methylene Chloride, Slightly soluble in water	Conforms
Identification BY IR	Match with standard	Conforms
Water( by KF)	Not more than 1%	0.25%
Melting point	49 °C- 52 °C	49.2-50.8°C
Supphated ash	Not more than 0.5%	0.08%
Resorcinol	NMT 0.2%	0.07%
2,4-Dihydroxybutyrophenone	NMT 0.5%	BDL
Any other impurity	NMT 1%	0.38%
Total of impurities	NMT 1%	0.72%
Purity by GC	99%	99.58%
Hexane	NMT 100PPM	Conform
Toluene	NMT 890PPM	Conform
Methanol	NMT 500PPM	Conform
Ethylene dichloride	NMT 5PPM	Conform
Ethyl acetate	NMT 5000PPM	Conform

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.