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## CERTIFICATE OF ANALYSIS

**Cat No.: 020978S**

Product: **(-)EPICATECHIN GALLATE with HPLC**

Cas Number: [1257-08-5]

Lot Number: 03020303

Chemical Formula: C<sub>22</sub>H<sub>18</sub>O<sub>10</sub>

Molecular Weight: 442.36

Melting Point: 257-258<sup>o</sup>C

Appearance: Cream powder

[α]<sub>D</sub>: -190<sup>o</sup>(ethanol)

Storage: Store at 2-8<sup>o</sup>C

Purity (HPLC): 97.89%

Thin layer chromatography

Support: On silica gel  
Solvent: Toluene/ethylformiate/formic acid  
(5/4/1:V/V/V)  
Detection: p-anisaldehyde

