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GRADE 12

**LIFE SCIENCES PRE-MIDYEAR
EXAMINATION ASSESSMENT: 2023.**

TOTAL MARKS: 150
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This question paper consists of 17 pages including the cover page.

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web the embodiment of the invention provides a method for producing shoe polish by using wastewater generated in the production of gallic acid which comprises the following steps adding calcium hydroxide suspension into wastewater from gallic acid production mixing standing and filtering to obtain filtrate

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web mar 6 2005 the functional group of the prepared shoe polish was also identified using ftir analysis and the ftir peaks confirmed the presence of a long chain ester group in the shoe polish