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Certificate of Analysis

Catalog Number	03178
Product Name	Cysteinol(4-MeBzl)
Lot Number	03178-040105-V
Molecular Formula	C ₁₁ H ₁₇ NOS
Molecular Weight	225.2
Melting Point	52-55 °C (Crystals from water)
Optical rotation	[α] _D = - 45.2° (C=1, MeOH)
TLC	Chloroform:Methanol:Acetic acid 17:2:1 R _f = 0.45 Butanol:Water:acetic acid:ethyl acetate 1:1:1:1 R _f = 0.72
HPLC	Purity 99.1%, Kromasil C ₁₈ column, gradient elution 40-65% B in 25 min., t _R 4.9min, λ =214 nm, flow rate 1ml/min, injection 0.5 μ l of 1% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (83:17:0.38)
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar
Quality Control Manager