

Voigt Global Distribution Inc

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Friday, May 01, 2009

20mm Lyophilization Stoppers CERTIFICATE OF ANALYSIS

Product: 20mm Lyophilization Stoppers
Item No: 73828A-2L
Lot No: 090110
Manufacturing Date: January 10, 2009

Tests are performed according to ISO 8362-2

<u>CHARACTERISTICS</u>	<u>LIMITS</u>	<u>RESULTS</u>
Reducing Matter (Oxidized)	Not more than 7.0mL of 10mmol/L sodium thiosulphate	0.3 mL
Heavy Metals (Pb ²⁺)	Not more than 10ug Pb ²⁺ per 10mL	0.3 ug
Ammonium (NH ⁴⁺)	Not more than 20ug NH ⁴⁺ per 10mL	Absent
Acidity / Alkalinity	Not more than 1.0mL of 5mmol/L of NaOH or 5mmol/L of HCl	0.05 mmol of 5mmol/L HCl
Residue on Evaporation	Not more than 4mg/100mL	1.7 mg
Conductivity	Not more than 40 microsiemens/cm	7.72
Volatile Sulphides at pH 2	Not more than 50ug sodium sulphide per 20cm ² surface area	Absent
Zinc (Zn ²⁺)	Not more than 30ug per 10mL	Absent
Turbidity	Not exceeding 3NTU	1

The above tests have been obtained by our manufacturer. The data is provided at the request and/or convenience of the customer and does not relieve the customer of the responsibility to verify it. Verification of the data and appropriate application of the product is entirely the customer's responsibility. This data is not to be construed as a warranty, expressed or implied.

2009 USA LIST PRICE 20mm LYOPHILIZATION STOPPERS: \$130.00 USD PER THOUSAND
 LYOPHILIZATION STOPPERS DISCOUNTS OF 15% START AT 3,000 PIECES

20mm Lyophilization Stoppers and 13mm Lyophilization Stoppers are sold and shipped worldwide by Voigt Global Distribution Inc. 20mm 2-Leg Lyophilization stoppers and 13mm 2-Leg Lyophilization stoppers wholesale dealer distributor prices are available.