



a bio-quest for ever

YASHRAJ BIOTECHNOLOGY LIMITED
An ISO 9001:2000 Certified Quality Assurance System

Doc. No: F/YBL/QA-01	Rev: 02	Date: 15-05-09
Supersedes: F/YBL/QA-01	Rev: 01	Date: 01-08-05

CERTIFICATE OF ANALYSIS

Date of Certificate: 16-05-09

Certificate No: QF0315

Description of Product: **Alpha 1 Microglobulin**
Liquid in 10 mM Potassium Phosphate (pH 7.0 ± 0.2)
with 0.095 % Sodium Azide.
Viral Inactivated at low pH.

Batch No.: FAM0013

Product Code: FAMpp

Grade: Part Pure

Origin: Human Urine

Manufacturing: May -09

Expiry: April -10

Sr. No.	Test	Test Method	Acceptance Criteria	Observation
01	Appearance	Visual	Brownish	Passes
02	A1M Concentration	ELISA ICL	> 1 mg/ml	3.00 mg/ml
03	Total protein	Bradford's	As observed	11.05 mg/ml
04	Purity	A1M/total protein	As observed	27.6%
05	Viral Marker Test for HBsAg, Anti- HCV Anti-HIV I & II	ELISA (US-FDA Approved BioRad and Ortho clinical Diagnostics)	Non-Reactive	Passes
06	Absence of Viral DNA /RNA for (HBV, HIV I and HCV)	PCR	Negative	Passes*

Opinion: The Batch **FAM0013** conforms to the release specifications for Alpha 1 Microglobulin Part Pure (Code: FAMpp). (* Soft copy available on request)

Sanjeev Kumar Gupta, Ph.D.
Manager -Quality Assurance & Regulatory Affairs

Recommended Storage: 2-8° C

Caution: This product is not for human/animal consumption. Use only in In-Vitro research or products. All bio-safety precautions must be practiced while handling.

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