

BulkActives

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Certificate of Analysis**Product** : Niacinamide USP**Date of Test** : Nov 13. 2009**Batch No.** : 091113**Expiry date:** Nov 13. 2011**Quantity** : 500kg

| Test item | Standard | Assay result |
|---------------------------------|--|--------------|
| Identification Test A(IR) | The IR absorption is accordant with the spectrum of reference standard | Complies |
| Test B(UV) | Raiio:A245/A262, bewteen0.63 and 0.67 | Complies |
| M.P | 128.0-131.0°C | Complies |
| Loose on drying | 0.5% Max | 0.22% |
| Residue on Ignition | 0.1% Max | 0.08% |
| Easily carbonizable substances | Test as per USP | Complies |
| Heavy Metals(as pb) | 10PPM max | Complies |
| Organic volatile impurity | Test as per USP | Complies |
| Residual solvents | Test as per USP | Complies |
| Assay(no water content), HPLC | 98.5-101.5% | 99.5% |
| Conclusion: complies with USP29 | | |

USABLE LIFE AND STORAGE

Store in a cool and dry place. Keep away from strong light and heat. Store in tightly closed containers. When properly stored, this product has a usable life of 24 months from the date of production.

LIMITATIONS

This product is neither tested nor represented suitable for medical or pharmaceutical uses.

LIMITED WARRANTY – PLEASE READ CAREFULLY

The information contained herein is offered in good faith based on BulkActives' research and information provided by manufacturers and distributors, and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customers' tests to insure that BulkActives' products are fully satisfactory for your specific applications. Our warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.