TIANJIN HUGE ROC ENTERPRISES CO., LTD. 1806, Huijin Centre, 65 Dagu Beilu, Heping District, Tianjin, China

TECHNICAL DATA SHEET

NUCLEOTIDE RESIDUE-ULTRA

Document: TDS-NRU-2026-V1.1 | Revision date: 03 September 2026

1. Product Specifications

The following specifications define the product requirements. They are not batch-specific analytical results.

Parameter	Specification
Appearance	Yellow-brown or dark brown; uniform colour; granules or powder; free from mould, caking and insect infestation.
Odour	Characteristic odour; free from off-odours.
Moisture	<= 10%
Crude ash	<= 6%
Crude protein	>= 70%
Aflatoxin B1	<= 10 ppb
Zearalenone	<= 0.5 ppm
Deoxynivalenol	<= 3 ppm
Salmonella	Not detected
Packaging quality	Packaging intact and securely sealed.

Product Information

Supplied by TIANJIN HUGE ROC ENTERPRISES CO., LTD.. Batch identification and net weight are specified in the relevant shipment documents.

Units: microgram/kg is equivalent to ppb on a mass basis. Values listed as reference data describe sample characteristics and are not a guarantee for every shipment.

NUCLEOTIDE RESIDUE-ULTRA

2. Amino Acid Profile

Amino Acid	Unit	Result	LOQ
Aspartic acid	%	4.48	0.04
Threonine	%	15.46	0.03
Serine	%	1.97	0.03
Glutamic acid	%	8.30	0.03
Glycine	%	2.50	0.02
Alanine	%	4.08	0.02
Valine	%	2.62	0.03
Isoleucine	%	2.45	0.04
Leucine	%	3.37	0.04
Tyrosine	%	1.46	0.05
Phenylalanine	%	1.92	0.04
Lysine (88% dry matter basis)	%	1.94	0.04
Histidine	%	0.98	0.04
Arginine	%	2.51	0.05
Proline	%	2.77	0.06
Cystine	%	0.50	0.01
Methionine	%	0.74	0.01
Tryptophan	%	0.33	0.02
Sum of 18 amino acids	%	58.53	-

Amino acid values are reference analytical data. LOQ, where shown, means limit of quantitation. A dash indicates that a value is not specified.

NUCLEOTIDE RESIDUE-ULTRA

3. Additional Reference Data

Parameter	Unit	Reference Result	Method	LOQ
Moisture	%	5.0	GB/T 6435-2014 8.1	0.01
Crude protein	%	72.39	GB/T 6432-2018 7.2	-
Crude ash (dry basis)	%	3.1	GB/T 6438-2007	-

Mycotoxin Reference Data

Parameter	Unit	Reference Result	Method	LOQ
Aflatoxin B1 (88% dry matter basis)	microgram/kg	ND	NY/T 2071-2011	2.0
Aflatoxin B2	microgram/kg	ND	NY/T 2071-2011	2.0
Aflatoxin G1	microgram/kg	ND	NY/T 2071-2011	2.0
Aflatoxin G2	microgram/kg	ND	NY/T 2071-2011	2.0
Sum of B1+B2+G1+G2	microgram/kg	ND	NY/T 2071-2011	2.0
Zearalenone (88% dry matter basis)	mg/kg	ND	NY/T 2071-2011	0.1
Deoxynivalenol (88% dry matter basis)	mg/kg	0.6	GB/T 30956-2014	-

Results identified as 88% dry matter basis retain that basis. Reference results are not presented as a conformity judgement against the specifications on page 1.

Document Use

This Technical Data Sheet provides product specifications and reference analytical information for commercial evaluation. It is not a batch-specific certificate or a regulatory approval. Suitability for the intended application and destination-market requirements should be confirmed before use.