

## 2936 – CURCUMIN (TURMERIC)

REF NO: TBL/QA/SS/LC/2936	<b>STANDARD SPECIFICATION FOR CURCUMIN (TURMERIC)</b>	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 2936

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	458-37-7
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>20</sub> O <sub>6</sub>
<b>Formula weight</b>	368.39
<b>Functional Uses</b>	Curcumin has been used to study its effect as a dietary supplement on the growth, immunity, antioxidant activity, and disease resistance in Oreochromis niloticus and to measure its antibacterial activity in vitro
<b>Standard Packaging</b>	5 gm, 10 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellowish orange fine Color Crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Total ash	NMT – 1.0%
Melting point	178 – 181°C
Assay	NLT – 95.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.